EAST KENTUCKY POWER COOPERATIVE

1/28/2023

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Pete Rayburn
Division for Air Quality
London Regional Office
875 South Main Street
London, KY 40741-9008

Dear Mr. Rayburn:

Subject: 2022 Title V Annual Report for Cooper Power Station

Enclosed are the 2022 Title V Annual Report for our Cooper Power Station located at Burnside, Kentucky.

If you have questions or need additional information, please contact Sarah Fraley at 859-745-9621.

Sincerely,

Jerry Purvis

Jerry Purvis
Vice President, Environmental Affairs

Attachments

4775 Lexington Road 40391
P.O. Box 707, Winchester
Kentucky 40392-0707

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East Kentucky Power Cooperative

Cooper Generating Station

Title V Annual Report

2022

Reporting Period

January 1, 2022 - December 31, 2022

Submitted to:

Division For Air Quality
London Regional Office
875 South Main Street
London, KY 40741

East Kentucky Power Cooperative

Cooper Generating Station

Title V Annual Report

2022

Reporting Period

January 1, 2022 - December 31, 2022

Submitted to:

US EPA Region IV
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St. SW
Atlanta, GA 30303

Division for Air Quality

Submit to the Regional Office identified in your permit

DEP7007CC

Compliance Certification

____ Section CC.1: Source Information

____ Section CC.2: Signature Block

____ Section CC.3: Identification of Emission Units & Each Term or Condition of the Permit

____ Section CC.4: Notes, Comments, and Explanations

Section CC.1: Source Information

1) Source Name

John Sherman Cooper Power Station

2) Agency Interest (AI) ID

3808

3) Source Location Address (street, city, state, zip)

State Highway 1247 South, Burnside, KY

4) Technical Contact (name, e-mail, phone #)

Robert Webb, robert.webb@ekpc.coop, 859-744-4812

5) Permit Number(s)	**6) County**	**7) KY EIS (AFS) #**
V-18-027	Pulaski	**21- 199-00005**

8) Submittal Information

Are you certifying any requirement(s) as "not in continuous compliance?" ☑ **Yes** ☐ **No**

What is the reporting period? **1** mm/ **1** dd/ **22** yy **TO** **12** mm/ **31** dd/ **22** yy

Section CC.2: Signature Block

9) CERTIFICATION SIGNATURE

I, THE UNDERSIGNED, HEREBY CERTIFY UNDER PENALTY OF LAW, THAT I AM A RESPONSIBLE OFFICIAL, AND THAT I HAVE PERSONALLY EXAMINED, AND AM FAMILIAR WITH, THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ITS ATTACHMENTS. BASED ON MY INQUIRY OF THOSE INDIVIDUALS WITH PRIMARY RESPONSIBILITY FOR OBTAINING THE INFORMATION, I CERTIFY THAT THE STATEMENTS AND INFORMATION IS ON KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE OR INCOMPLETE INFORMATION, INCLUDING THE POSSIBILITY OF FINE OR IMPRISONMENT.

BY: Jerry Purvis

AUTHORIZED SIGNATURE

1/28/2023

DATE

Jerry Purvis

TYPED OR PRINTED NAME OF SIGNATORY

Vice President Environmental Affairs

TITLE OF SIGNATORY

Section CC.3: Identification of Emission Units & Each Term or Condition of the Permit

Emission Units in Continuous Compliance

10a) Emission Units in Continuous Compliance. *The following emission units were in continuous compliance with each permit term or condition(s) and applicable requirements listed here, such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below. If additional space is required, reproduce this page as needed.*

Emission Unit/Permit ID#	Permit Term, Condition, or Applicable Regulation	Emission Unit Description	Permit Limit or requirement	Actual Emissions or status of requirement	The method used for determining compliance over the reporting period, and whether the method provided continuous or intermittent data. *(such as test methods, monitoring procedures, recordkeeping and reporting)*
Unit 01	Section B 1 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	In order to meet 3% alternate fuel usage, wood waste usage shall not exceed 4.3 tph	No wood waste burned during the reporting period. Refer to the semiannual report	Recordkeeping Method - Continuous
Unit 01	Section B 1 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If EPA designates Pulaski County "unclassifiable/attainment" or "attainment" with 1-hour SO2 NAAQS, burn only coal with sulfur content < 3.3 lb SO2/MMBtu	N/A	N/A Pulaski County not so designated
Unit 01	Section B 1 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	The permittee shall conduct periodic performance tune-ups of the EGUs, as specified in 40 CFR 63.10021 (e) (1) through (9).	Refer to the semiannual reports and records maintained.	Monitoring, Testing and Recordkeeping Method - Intermittent and Continuous

Unit 01	Section B 1 c i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	As applicable, inspect the burner and combustion controls, clean or replace as necessary. Repair of a burner or combustion control component special order parts may be scheduled as listed in Section B(1)(c)(i)	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 1 c ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	As applicable, inspect the flame pattern and make any adjustments to the burner or combustion controls necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications or best combustion engineering practice.	Records maintained.	Recordkeeping Method - Continuous

Unit 01	Section B 1 c iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	As applicable, observe the damper operations as a function of mill and/or cyclone loading, cyclone and pulverizer coal feeder loadings, or other pulverizer and coal mill performance parameters, making adjustments and effecting repair to dampers, controls, mimlls, pulverizers, cyclones, and sensors.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 1 c iv	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	As applicable, evaluate windbox pressures and air proportions, making adjustments and effecting repair to dampers, actuators, controls, and sensors.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 1 c v	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Inspect the system controlling the air-to-fuel ratio and ensure it is correctly calibrated and functioning properly. Make corrections or repairs as necessary.	Records maintained.	Recordkeeping Method - Continuous

Unit 01	Section B 1 c vi	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Optimize combustion to minimize generation of CO and Nox. This optimization should be consistent with the manufacturer's specifications, if available, or best combustion engineering practice for the applicable burner type.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 1 c vii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	While operating at full load or the predominantly operated load, measure the concentration in the effluent stream of CO and Nox in ppm, by volume, and oxygen in volume percent, before and after the tune-up adjustments are made.	Records maintained.	Testing and Recordkeeping Method - Continuous and Intermittent
Unit 01	Section B 1 c viii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain on-site and submit, if requested, an annual report containing the information in 40 CFR 63.10021 (e)(1) through (e)(9) including what is listed in Section B(1)(c)(viii).	Records maintained.	Recordkeeping Method - Continuous

Unit 01	Section B 1 c ix	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Report the dates of the initial and subsequent tune-ups in hard copy, as specified in 40 CFR 63.10031(f)(5), through June 30, 2020. On or after July 1, 2020, report the date of all tune-ups electronically, in accordance with 40 CFR 63.10031(f). The tune-up report date is the date when tune-up requirements in 40 CFR 63.10021(e)(6) and (7) are completed.	Records maintained.	Reporting and Recordkeeping Method - Intermittent and Continuous
Unit 01	Section B 1 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Comply with the emission limits and operting limits in 40 CFR 63, Subpart UUUUU. These limits apply at all times except during periods of startup and shutdown; however, for coal-fired, liquid oil-fired, or solid oil-derived fuel -fired EGUs, meet the work practice requirements, items 3 and 4, in Table 3 to 40 CFR 63, Subpart UUUUU during periods of startup or shutdown.	Records maintained.	Recordkeeping Method - Continuous

Unit 01	Section B 1 e i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	During startup: Comply using either of the work practice standards listed Section B(1)(e)(i)	Records maintained. Complying with startup definition 1.	Monitoring and Recordkeeping Method - Continuous
Unit 01	Section B 1 e ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If the permittee chooses to use just one set of sorbent traps to demonstrate compliance with the applicable Hg emission limit, comply with the limit at all times; otherwise, comply with the applicable emission limit at all times except startup and shutdown periods.	Records maintained. Complying with startup definition 1.	Recordkeeping Method - Continuous
Unit 01	Section B 1 e iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Collect monitoring data during startup periods, as specified in 40 CFR 63.10020(a) and (e). Keep records during startup periods, as provided in 40 CFR 63.10031 and 63.10021(h). Provide reports concerning activities and startup periods, as specified in 40 CFR 63.10011(g), 63.10021(i), and 63.10031.	Records maintained. Complying with startup definition 1.	Recordkeeping Method - Continuous

Unit 01	Section B 1 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Operate all CMS during shutdown (as defined in 40 CFR 63.10042). Collect appropriate data, and calculate the pollutant emission rate for each hour of shutdown for those pollutants for which a CMS is used.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 1 f i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	While firing coal, residual oil, or solid oil-derived fuel during shutdown, vent emissions to the main stack(s) and operate all applicable control devices and continue to operate those control devices after the cessation of coal, residual oil, or solid oil-derived fuel being fed into the EGU and for as long as possible thereafter considering operational and safety concerns. ~~O~~perate controls when necessary to comply with other standards made applicable to the EGU.	Records maintained.	Proper Operation and Maintenance of Control Equipment Method - Continuous

Unit 01	Section B 1 f ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If, in addition to the fuel used prior to initiation of shutdown, another fuel must be used to support the shutdown process, that additional fuel shall be one or a combination of the clean fuels defined in 40 CFR 63.10042 and shall be used to the maximum extent possible, taking into account considerations such as not compromising boiler or control device integrity.	N/A - no additional fuel used during shutdown	N/A

Unit 01	Section B 1 f iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Comply with all applicable emission limits at all times except during startup and shutdown periods at which time the permittee shall meet this work practice. Collect monitoring data and maintain records during shutdown periods, as specified in 40 CFR 63.10020(a), 63.10032 and 63.10021 (h). Any fraction of an hour in which shutdown occurs constitutes a full hour of shutdown. Provide reports concerning activities and shutdown periods, as specified in 40 CFR 63.10011(g), 63.10021(i), and 63.10031.	Records maintained. Complying with startup definition 1.	Recordkeeping Method - Continuous
Unit 01	Section B 1 g	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	At all times, operate and maintain the affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.	Records maintained.	Proper Operation and Maintenance of Control Equipment Method - Continuous

Unit 01	Section B 1 h	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	During a startup or shutdown period, comply with the work practice standards established in 401 KAR 61:015, Section 9. Shall meet the work practice standards established in 40 CFR, Part 63, Table 3 to Subpart UUUUU.	Records maintained.	Proper Operation and Maintenance of Control Equipment Method - Continuous
Unit 01	Section B 2 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Particulate emissions shall not exceed 0.23 lb/MMBtu based on 3-hour average	0.002 lb/MMBtu based on a 3-hour average PM test conducted on 10/13/2022. Refer to results submitted to the Division	Stack Testing Method - Intermittent
Unit 01	Section B 2 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Emissions shall not exceed 40% opacity except (1) max of 60% for 6 minutes in any 60 consecutive minutes, and (2) during startup. Startup time shall not exceed manufacturer's recommendations.	COMS: < 40% Refer to quarterly and semiannual reports	EPA Method 9 Part 60 Certified COM Method - Continuous and Intermittent
Unit 01	Section B 2 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	SO2: 3.3 lb/MMBtu based on 24-hr average	< 3.3 lb/MMBtu Refer to the quarterly and semiannual reports	Certified CEMS Method - Continuous

Unit 01	Section B 2 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If EPA designates Pulaski County "unclassifiable/ attainment"' or "attainment" with the 1-hour SO2 NAAQS then SO2 removal efficiency > 95% or shall not exceed 0.100 lb/MMBtu SO2 emissions.	N/A	N/A Pulaski County not so designated
Unit 01	Section B 2 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Filterable PM emissions shall not exceed 0.030 lb/MMBtu	0.002 lb/MMBtu PM test conducted on 10/13/2022.	Stack Testing Method - Intermittent
Unit 01	Section B 2 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Filterable PM emissions shall not exceed 0.030 lb/MMBtu	0.001 lb/MMBtu PM test conducted on 7/1/2016. Refer to test results.	Stack Testing Method - Intermittent
Unit 01	Section B 2 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Emissions from each unit shall not exceed the limitations in 40 CFR 63.9991(a)(1) referencing Item 1 of Table 2 to Subpart UUUUU of Part 63.	HCl: < 0.0020 lb/mmbtu PM: < 0.030 lb/mmbtu Hg: < 1.2 lb/tbtu Refer to the semiannual reports	Monitoring, Testing and Recordkeeping Method - Continuous and Intermittent
Unit 01	Section B 3 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Perform a PM test on an annual basis. Bi-annual if most recent results are less than 0.015 lb/MMBtu or equipped with CEMS.	PM test conducted on 10/13/2022. Refer to test results.	Stack Testing Method - Intermittent

Unit 01	Section B 3 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Performance test requirements for EGUs using PM CPMS to monitor continuous performance.	N/A - using PM CEMS	N/A
Unit 01	Section B 3 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For affected units meeting the LEE requirements of 40 CFR 63.10005(h), the permittee shall repeat the performance test once every 3 years (once every year for Hg).	LEE status for HCl was achieved on 6/13/2019. Test results on file with the Division. Test conducted on 6/9/2022. Refer to submitted test results and semiannual report.	Testing and Recordkeeping Method - Intermittent and Continuous
Unit 01	Section B 3 c i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If LEE status is lost, except for Hg, the permittee shall conduct emissions testing quarterly, except as otherwise provided in 40 CFR 63.10021(d)(1).	N/A	N/A
Unit 01	Section B 3 c ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If LEE status for Hg, the permittee shall install, certify, maintain, and operate a Hg CEMS or a sorbent trap system in accordance with 40 CFR 63, Subpart UUUUU, Appendix A, within 6 calendar month of losing LEE eligibility.	N/A	N/A

Unit 01	Section B 3 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Except where 40 CFR 63.10006(a) or (b) apply, or where a PM CEMS is used to demonstrate compliance with a filterable PM emissions limit, conduct all applicable periodic tests for filterable PM, individual, or total HAP metals emission according to Table 5 to 40 CFR 63, Subpart UUUUU	N/A - using PM CEMS	N/A
Unit 01	Section B 3 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Conduct applicable periodic HCl emissions test according to Table 5 to 40 CFR 63, Supbart UUUUU and 40 63.10007 at least quarterly, except as otherwise provided in 40 CFR 63.10021(d)(1).	LEE status for HCl was achieved on 6/13/2019. Test conducted on 6/9/2022.	Testing and Recordkeeping Method - Intermittent and Continuous
Unit 01	Section B 3 f i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	The permittee shall complete performance tests for the EGU according the requirements lised in 40 CFR 63.10006(f)(1).	N/A - no tests required during the reporting period.	N/A

Unit 01	Section B 3 f ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	When using quarterly testing, the permittee shall conduct a performance test in the 4th quarter of a calendar year if the EGU has skipped performance tests in the first 3 quarters of the calendar year.	N/A	N/A
Unit 01	Section B 3 f iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If the EGU misses a performance test due to inoperation and if it operates 168 or more boiler operating hours in the next test period, the permittee shall complete an additional test in accordance with 40 CFR 63.10006(f)(3).	N/A - no tests required during the reporting period.	N/A
Unit 01	Section B 3 g	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Performance tests conducted for 40 CFR 63, Subpart UUUUU shall be conducted according to 40 CFR 63.10007 and Table 5 to 40 CFR 63, Subpart UUUUU.	N/A - no tests required during the reporting period.	N/A

Unit 01	Section B 4 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Install a continuous opacity monitor as required and if opacity indicator level is exceeded accept the COM readout and perform repairs or perform a Method 9 and inspection within 30 minutes and make any necessary repairs.	Refer to the quarterly and semiannual reports	EPA Method 9 Part 60 Certified COM Method - Continuous and Intermittent
Unit 01	Section B 4 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Use a PM CEMS to meet PM monitoring requirements. Use PM as indicator of PM, excursion is > 0.027 lb/mmbtu on a 6 hr block average, excluding startup shutdown or malfunction. Perform a stack test the following calendar quarter if 5% of PM data in a calendar quarter show excursion above the opacity indicator level and QIP is triggered. Submit a compliance test protocol prior to conducting test.	Refer to the quarterly and semiannual reports	Monitoring, Testing, and Recordkeeping Method - Intermittent and Continuous
Unit 01	Section B 4 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Monitor the ESP primary/secondary current and voltage	Records maintained	Monitoring and Recordkeeping Method - Intermittent and Continuous

Unit 01	Section B 4 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Install a Part 75 Certified CEMS for listed pollutants and if any 24 hour average SO2 value exceeds the standard take required actions	Refer to the semiannual reports and records maintained	Certified CEMS and Recordkeeping Method - Continuous
Unit 01	Section B 4 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Weekly determine the sulfur content of the fuel burned with methods specified by the Division	Refer to the semiannual report	Fuel Analysis Method - Intermittent
Unit 01	Section B 4 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Daily measure and record the rate of each fuel burned and average electrical output and minimum and maximum hourly generation; weekly measure and record fuel heating value, and ash content.	Refer to the semiannual reports	Fuel Analysis and Recordkeeping Method - Continuous and Intermittent
Unit 01	Section B 4 g	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Provide information for any monitoring system malfunction periods if temporary exemption is requested	Refer to the semiannual reports	Reporting Method - Intermittent
Unit 01	Section B 4 h	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Monitor the duration of the start up	Refer to the quarterly reports	Monitoring and Recordkeeping Method - Continuous and Intermittent

Unit 01	Section B 4 i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Comply with all continuous monitoring requirements of 40 CFR 63.10010, 63.10020, and 63.10021	Refer to the semiannual report	Monitoring and Recordkeeping Method - Continuous
Unit 01	Section B 4 j	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Monitor and collect data according to 40 CFR 63.10020(b) - (d) and the site-specific monitoring plan required by 40 CFR 63.10000(d).	Refer to the semiannual report	Monitoring and Recordkeeping Method - Continuous
Unit 01	Section B 5 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain a file of information reported in quarterly summaries for 5 years	Records maintained	Recordkeeping Method - Continuous
Unit 01	Section B 5 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain records as specified, including fuel analysis, fuel rate, heat rate, ash content, electrical output, generation rate, test results and COM data	Records maintained	Recordkeeping Method - Continuous
Unit 01	Section B 5 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain records for five years of primary/secondary voltage, current and corrective actions for ESP	Records maintained	Recordkeeping Method - Continuous
Unit 01	Section B 5 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep visible observation records and Method 9's in a designated logbook or electronic file for 5 years	Records maintained	Recordkeeping Method - Continuous

Unit 01	Section B 5 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Record the duration of startups, type and whether the startups exceed recommended or typical duration and why	Refer to quarterly reports and records maintained	Recordkeeping Method - Continuous
Unit 01	Section B 5 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records according to 40 CFR 63.10032(a)(1) and (2).	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 5 g	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For each CEMS and CPMS used for 40 CFR 63, Subpart UUUUU, keep records according to 40 CFR 63.10032(b)(1) through (4).	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 5 h	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep the records required in Table 7 to 40 CFR 63, Subpart UUUUU including all monitoring data and calculated averages for applicable PM CPMS operating limits to show continuous compliance with each emission limit and operating limit applicable to the unit.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 5 i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For each EGU subject to an emission limit, keep the records in 40 CFR 63.10032(d)(1) through (3) as specified	Records maintained.	Recordkeeping Method - Continuous

Unit 01	Section B 5 j i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If relying on paragraph (1) of the definition of "startup" in 40 CFR 63.10042 for the EGU, the permittee shall keep records of the occurrence and duration of each startup or shutdown.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 5 j ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If relying on paragraph (2) of the definition of "startup" in 40 CFR 63.10042 for the EGU, the permittee shall keep records according to 40 CFR 63.10032(f)(2)(i) through (iii).	N/A - relying on paragraph 1 of the startup definition.	N/A
Unit 01	Section B 5 k	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records of the occurrence and duration of each malfunction of an operation or the air pollution control and monitoring equipment.	Records maintained.	Recordkeeping Method - Continuous

Unit 01	Section B 5 l	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.10000(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 5 m	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records of the types and amounts of fuel used during each startup and shutdown.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 5 n	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records for 40 CFR 63, Subpart UUUUU in a form suitable and readily available for review and kept for 5 years. Records shall be kept onsite for at 2 years and offsite for remaining 3 years.	Records maintained.	Recordkeeping Method - Continuous
Unit 01	Section B 5 o	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	See Section F	N/A	See Section F below.

Unit 01	Section B 6 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain and furnish required fuel sampling, CEMS and COMS data, report excess emissions and periods the monitoring system was inoperative	Refer to quarterly and semiannual reports and records maintained	Reporting Method - Intermittent
Unit 01	Section B 6 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Report specified data related to excursions above the PM indicator each quarter.	Refer to quarterly and semiannual reports	Reporting Method - Intermittent
Unit 01	Section B 6 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Report all startup records made as required under Specific Recordkeeping Requirements (See B.5.e above)	Refer to quarterly reports	Reporting Method - Intermittent
Unit 01	Section B 6 d i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Submit a semi-annual compliance report which contains the required information in 40 CFR 63.10031(c)(1) through (9).	Refer to the semiannual report	Reporting Method - Intermittent
Unit 01	Section B 6 d ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If there are no deviations or out of control periods for the CMS, provide a statement that were no deviations from the emission limitations and work practice standards and out of control periods during the reporting period.	Refer to the semiannual report	Reporting Method - Intermittent

Unit 01	Section B 6 d iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If there is a deviation or out of control period for the CMS, the report shall contain the information from 40 CFR 63.10031(e).	Refer to the semiannual report	Reporting Method - Intermittent
Unit 01	Section B 6 d iv	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For a malfunction, the report shall include the number, duration, and brief description for each.	Refer to the semiannual report	Reporting Method - Intermittent
Unit 01	Section B 6 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	The permittee shall submit reports to U.S. EPA as required by 40 CFR 63.10031(f).	Refer to the semiannual report	Reporting Method - Intermittent
Unit 01	Section B 6 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	See Section F.	N/A	See Section F below.
Unit 01	Section B 7 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Continuously operate the ESP to maximize PM reductions consistent with manufacturer's specifications, operational design and maintenance limitations of unit and good engineering practice including specified activities	Records maintained.	Proper Operation and Maintenance of Control Equipment Method - Continuous

Unit 01	Section B 7 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Optimize the ESP as specified	Records maintained	Optimization of Control Equipment Method - Continuous
Unit 01	Section B 7 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain records of control equipment maintenance	Records maintained	Recordkeeping Method - Continuous
Unit 01	Section B 7 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	See Section E	N/A	See Section E below
Unit 02	Section B 1 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	The permittee shall conduct periodic performance tune-ups of the EGUs, as specified in 40 CFR 63.10021 (e) (1) through (9).	Refer to the semiannual reports and records maintained.	Monitoring, Testing and Recordkeeping Method - Intermittent and Continuous
Unit 02	Section B 1 a i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	As applicable, inspect the burner and combustion controls, clean or replace as necessary. Repair of a burner or combustion control component special order parts may be scheduled as listed in Section B(1)(c)(i)	Records maintained.	Recordkeeping Method - Continuous

Unit 02	Section B 1 a ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	As applicable, inspect the flame pattern and make any adjustments to the burner or combustion controls necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications or best combustion engineering practice.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 1 a iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	As applicable, observe the damper operations as a function of mill and/or cyclone loading, cyclone and pulverizer coal feeder loadings, or other pulverizer and coal mill performance parameters, making adjustments and effecting repair to dampers, controls, mimlls, pulverizers, cyclones, and sensors.	Records maintained.	Recordkeeping Method - Continuous

Unit 02	Section B 1 a iv	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	As applicable, evaluate windbox pressures and air proportions, making adjustments and effecting repair to dampers, actuators, controls, and sensors.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 1 a v	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Inspect the system controlling the air-to-fuel ratio and ensure it is correctly calibrated and functioning properly. Make corrections or repairs as necessary.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 1 a vi	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Optimize combustion to minimize generation of CO and Nox. This optimization should be consistent with the manufacturer's specifications, if available, or best combustion engineering practice for the applicable burner type.	Records maintained.	Recordkeeping Method - Continuous

Unit 02	Section B 1 a vii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	While operating at full load or the predominantly operated load, measure the concentration in the effluent stream of CO and Nox in ppm, by volume, and oxygen in volume percent, before and after the tune-up adjustments are made.	Records maintained.	Testing and Recordkeeping Method - Continuous and Intermittent
Unit 02	Section B 1 a viii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain on-site and submit, if requested, an annual report containing the information in 40 CFR 63.10021 (e)(1) through (e)(9) including what is listed in Section B(1)(c)(viii).	Records maintained.	Recordkeeping Method - Continuous

Unit 02	Section B 1 a ix	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Report the dates of the initial and subsequent tune-ups in hard copy, as specified in 40 CFR 63.10031(f)(5), through June 30, 2020. On or after July 1, 2020, report the date of all tune-ups electronically, in accordance with 40 CFR 63.10031(f). The tune-up report date is the date when tune-up requirements in 40 CFR 63.10021(e)(6) and (7) are completed.	Records maintained.	Reporting and Recordkeeping Method - Intermittent and Continuous
Unit 02	Section B 1 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Comply with the emission limits and operting limits in 40 CFR 63, Subpart UUUUU. These limits apply at all times except during periods of startup and shutdown; however, for coal-fired, liquid oil-fired, or solid oil-derived fuel -fired EGUs, meet the work practice requirements, items 3 and 4, in Table 3 to 40 CFR 63, Subpart UUUUU during periods of startup or shutdown.	Records maintained.	Recordkeeping Method - Continuous

Unit 02	Section B 1 c i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	During startup: Comply using either of the work practice standards listed Section B(1)(e)(i)	Records maintained. Complying with startup definition 1.	Recordkeeping Method - Continuous
Unit 02	Section B 1 c ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If the permittee chooses to use just one set of sorbent traps to demonstrate compliance with the applicable Hg emission limit, comply with the limit at all times; otherwise, comply with the applicable emission limit at all times except startup and shutdown periods.	Records maintained. Complying with startup definition 1.	Recordkeeping Method - Continuous
Unit 02	Section B 1 c iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Collect monitoring data during startup periods, as specified in 40 CFR 63.10020(a) and (e). Keep records during startup periods, as provided in 40 CFR 63.10031 and 63.10021(h). Provide reports concerning activities and startup periods, as specified in 40 CFR 63.10011(g), 63.10021(i), and 63.10031.	Records maintained. Complying with startup definition 1.	Recordkeeping Method - Continuous

Unit 02	Section B 1 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Operate all CMS during shutdown (as defined in 40 CFR 63.10042). Collect appropriate data, and ~~shall~~ calculate the pollutant emission rate for each hour of shutdown for those pollutants for which a CMS is used.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 1 d i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	While firing coal, residual oil, or solid oil-derived fuel during shutdown, vent emissions to the main stack(s) and operate all applicable control devices and continue to operate those control devices after the cessation of coal, residual oil, or solid oil-derived fuel being fed into the EGU and for as long as possible thereafter considering operational and safety concerns. ~~O~~perate controls when necessary to comply with other standards made applicable to the EGU.	Records maintained.	Proper Operation and Maintenance of Control Equipment Method - Continuous

Unit 02	Section B 1 d ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If, in addition to the fuel used prior to initiation of shutdown, another fuel must be used to support the shutdown process, that additional fuel shall be one or a combination of the clean fuels defined in 40 CFR 63.10042 and shall be used to the maximum extent possible, taking into account considerations such as not compromising boiler or control device integrity.	N/A - no additional fuel used during shutdown	N/A

Unit 02	Section B 1 d iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Comply with all applicable emission limits at all times except during startup and shutdown periods at which time the permittee shall meet this work practice. Collect monitoring data and maintain records during shutdown periods, as specified in 40 CFR 63.10020(a), 63.10032 and 63.10021 (h). Any fraction of an hour in which shutdown occurs constitutes a full hour of shutdown. Provide reports concerning activities and shutdown periods, as specified in 40 CFR 63.10011(g), 63.10021(i), and 63.10031.	Records maintained. Complying with startup definition 1.	Recordkeeping Method - Continuous
Unit 02	Section B 1 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	At all times, operate and maintain the affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.	Records maintained.	Proper Operation and Maintenance of Control Equipment Method - Continuous

Unit 02	Section B 1 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	During a startup or shutdown period, comply with the work practice standards established in 401 KAR 61:015, Section 9. Shall meet the work practice standards established in 40 CFR, Part 63, Table 3 to Subpart UUUUU.	Records maintained.	Proper Operation and Maintenance of Control Equipment Method - Continuous
Unit 02	Section B 2 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Particulate emissions shall not exceed 0.23 lb/MMBtu based on a 3-hour average	0.003 lb/MMBtu PM test conducted 6/6/2022. Refer to results submitted to the Division	Stack Testing Method - Intermittent
Unit 02	Section B 2 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Emissions shall not exceed 40% opacity except (1) max of 60% for 6 minutes in any 60 consecutive minutes, and (2) during startup. Startup time shall not exceed manufacturer's recommendations	COMS: < 40% Refer to quarterly and semiannual reports	EPA Method 9 Part 60 Certified COM Method - Continuous and Intermittent

Unit 02	Section B 2 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	3.3 lb/MMBtu SO2 limit on a 24-hour average and install FGD technology on Unit 2 by June 30, 2012 to achieve 95% reduction or of 0.100 lb/MMBtu based on a 30-day rolling average	< 3.3 lb/MMBtu > 95% Reduction or < 0.100 lb/MMBtu Refer to the quarterly and semiannual reports	Certified CEMS Recordkeeping Method - Continuous
Unit 02	Section B 2 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Install an SCR on Unit 2 by December 31, 2012 to achieve a 30-day rolling average of < 0.080 lb/MMBtu for NOX	< 0.080 lb/MMBtu Refer to the quarterly reports	Certified CEMS Recordkeeping Method - Continuous
Unit 02	Section B 2 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Filterable PM emissions shall not exceed 0.030 lb/MMBtu	0.003 lb/MMBtu PM test conducted 6/6/2022. Refer to results submitted to the Division	Stack Testing Method - Intermittent
Unit 02	Section B 2 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Filterable PM emissions shall not exceed 0.030 lb/MMBtu	0.003 lb/MMBtu Refer to the PM tests conducted 12/6/2016 and 12/8/2016. Refer to results submitted to the Division	Stack Testing Method - Intermittent
Unit 02	Section B 2 g	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Emissions from each unit shall not exceed the limitations in 40 CFR 63.9991(a)(1) referencing Item 1 of Table 2 to Subpart UUUUU of Part 63.	HCl: < 0.0020 lb/mmbtu PM: < 0.030 lb/mmbtu Hg: < 1.2 lb/tbtu Refer to the semiannual reports	Monitoring, Testing and Recordkeeping Method - Continuous and Intermittent

Unit 02	Section B 3 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Perform a PM performance test on an annual basis. Bi-annual if most recent results are less than 0.015 lb/MMBtu or equipped with CEMS	PM test conducted 6/6/2022. Refer to results submitted to the Division	Stack Testing Method - Intermittent
Unit 02	Section B 3 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Performance test requirements for EGUs using PM CPMS to monitor continuous performance.	N/A - using PM CEMS	N/A
Unit 02	Section B 3 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For affected units meeting the LEE requirements of 40 CFR 63.10005(h), the permittee shall repeat the performance test once every 3 years (once every year for Hg).	LEE status for HCl was achieved on 6/13/2019. Test results on file with the Division. Test conducted on 6/9/2022. Refer to submitted test results and semiannual report.	Testing and Recordkeeping Method - Intermittent and Continuous
Unit 02	Section B 3 c i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If LEE status is lost, except for Hg, the permittee shall conduct emissions testing quarterly, except as otherwise provided in 40 CFR 63.10021(d)(1).	N/A	N/A

Unit 02	Section B 3 c ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For Hg, the permittee shall install, certify, maintain, and operate a Hg CEMS or a sorbent trap system in accordance with 40 CFR 63, Subpart UUUUU, Appendix A, within 6 calendar month of losing LEE eligibility.	N/A	N/A
Unit 02	Section B 3 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Except where 40 CFR 63.10006(a) or (b) apply, or where a PM CEMS is used to demonstrate compliance with a filterable PM emissions limit, conduct all applicable periodic tests for filterable PM, individual, or total HAP metals emission according to Table 5 to 40 CFR 63, Subpart UUUUU	N/A - using PM CEMS	N/A
Unit 02	Section B 3 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Conduct applicable periodic HCl emissions test according to Table 5 to 40 CFR 63, Supbart UUUUU and 40 63.10007 at least quarterly, except as otherwise provided in 40 CFR 63.10021(d)(1).	LEE status for HCl was achieved on 6/13/2019. Test conducted on 6/9/2022.	Testing and Recordkeeping Method - Intermittent and Continuous

Unit 02	Section B 3 f i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	The permittee shall complete performance tests for the EGU according the requirements lised in 40 CFR 63.10006(f)(1).	N/A - no tests required during the reporting period.	N/A
Unit 02	Section B 3 f ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	When using quarterly testing, the permittee shall conduct a performance test in the 4th quarter of a calendar year if the EGU has skipped performance tests in the first 3 quarters of the calendar year.	N/A	N/A
Unit 02	Section B 3 f iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If the EGU misses a performance test due to inoperation and if it operates 168 or more boiler operating hours in the next test period, the permittee shall complete an additional test in accordance with 40 CFR 63.10006(f)(3).	N/A - no tests required during the reporting period.	N/A
Unit 02	Section B 3 g	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Performance tests conducted for 40 CFR 63, Subpart UUUUU shall be conducted according to 40 CFR 63.10007 and Table 5 to 40 CFR 63, Subpart UUUUU.	N/A - no tests required during the reporting period.	N/A

Unit 02	Section B 4 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Install a continuous opacity monitor as required and if opacity indicator level is exceeded accept the COM readout, inspect and perform any necessary repairs or perform a Method 9 and inspection within 30 minutes and make any necessary repairs	Refer to the quarterly and semiannual reports	EPA Method 9 Part 60 Certified COMS Method - Continuous and Intermittent
Unit 02	Section B 4 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Use a PM CEMS to meet PM monitoring requirements. Use PM as indicator of PM, excursion is > 0.027 lb/mmbtu on a 6 hr block average, excluding startup shutdown or malfunction. Perform a stack test the following calendar quarter if 5% of PM data in a calendar quarter show excursion above the opacity indicator level and QIP is triggered. Submit a compliance test protocol prior to conducting test.	Refer to the quarterly and semiannual reports	Monitoring, Testing, and Recordkeeping Method - Intermittent and Continuous

Unit 02	Section B 4 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Install Part 75 Certified CEMS for listed pollutants and if any 24 hour average SO2 value exceeds the standard take actions required	Refer to the semiannual reports and records maintained	Certified CEMS and Recordkeeping Method - Continuous
Unit 02	Section B 4 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Weekly determine the sulfur content of the fuel burned with methods specified by the Division	Refer to the semiannual reports	Fuel Analysis Method - Intermittent
Unit 02	Section B 4 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Daily measure and record the rate of each fuel burned and average electrical output and minimum and maximum hourly generation; weekly measure and record fuel heating value, and ash content.	Refer to the semiannual reports	Fuel Analysis and Recordkeeping Method - Continuous and Intermittent
Unit 02	Section B 4 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Provide information for any monitoring system malfunction periods if temporary exemption is requested	Refer to semiannual reports	Reporting Method - Intermittent
Unit 02	Section B 4 g	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Monitor the duration of the start up	Refer to the quarterly reports	Monitoring and Recordkeeping Method - Continuous and Intermittent

Unit 02	Section B 4 h	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Comply with all continuous monitoring requirements of 40 CFR 63.10010, 63.10020, and 63.10021	Refer to the semiannual report	Monitoring and Recordkeeping Method - Continuous
Unit 02	Section B 4 i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Monitor and collect data according to 40 CFR 63.10020(b) - (d) and the site-specific monitoring plan required by 40 CFR 63.10000(d).	Refer to the semiannual report	Monitoring and Recordkeeping Method - Continuous
Unit 02	Section B 5 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain a file of information reported in quarterly summaries for 5 years	Records maintained	Recordkeeping Method - Continuous
Unit 02	Section B 5 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain records as specified, including fuel analysis, fuel rate, heat rate, ash content, electrical output, generation rate, test results and COM data	Records maintained	Recordkeeping Method - Continuous
Unit 02	Section B 5 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep visible observation records and Method 9's in a designated logbook or electronic file for 5 years	Records maintained	Recordkeeping Method - Continuous
Unit 02	Section B 5 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Record the duration of startups, type and whether the startups exceed recommended or typical duration and why	Refer to the quarterly reports and records maintained.	Recordkeeping Method - Continuous

Unit 02	Section B 5 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records according to 40 CFR 63.10032(a)(1) and (2).	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 5 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For each CEMS and CPMS used for 40 CFR 63, Subpart UUUUU, keep records according to 40 CFR 63.10032(b)(1) through (4).	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 5 g	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep the records required in Table 7 to 40 CFR 63, Subpart UUUUU including all monitoring data and calculated averages for applicable PM CPMS operating limits to show continuous compliance with each emission limit and operating limit applicable to the unit.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 5 h	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For each EGU subject to an emission limit, keep the records in 40 CFR 63.10032(d)(1) through (3) as specified	Records maintained.	Recordkeeping Method - Continuous

Unit 02	Section B 5 i i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If relying on paragraph (1) of the definition of "startup" in 40 CFR 63.10042 for the EGU, the permittee shall keep records of the occurrence and duration of each startup or shutdown.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 5 i ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If relying on paragraph (2) of the definition of "startup" in 40 CFR 63.10042 for the EGU, the permittee shall keep records according to 40 CFR 63.10032(f)(2)(i) through (iii).	N/A - relying on paragraph 1 of the startup definition.	N/A
Unit 02	Section B 5 j	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records of the occurrence and duration of each malfunction of an operation or the air pollution control and monitoring equipment.	Records maintained.	Recordkeeping Method - Continuous

Unit 02	Section B 5 k	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.10000(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 5 l	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records of the types and amounts of fuel used during each startup and shutdown.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 5 m	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Keep records for 40 CFR 63, Subpart UUUUU in a form suitable and readily available for review and kept for 5 years. Records shall be kept onsite for at 2 years and offsite for remaining 3 years.	Records maintained.	Recordkeeping Method - Continuous
Unit 02	Section B 5 n	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	See Section F	N/A	See Section F below.

Unit 02	Section B 6 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain and furnish required fuel sampling, CEMS and COMS data, report excess emissions and periods the monitoring system was inoperative	Refer to quarterly and semiannual reports. Records maintained.	Recordkeeping and Reporting Method - Continuous and Intermittent
Unit 02	Section B 6 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Report specified data related to excursions above the PM indicator each quarter.	Refer to the quarterly and semiannual reports	Reporting Method - Intermittent
Unit 02	Section B 6 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Report all startup records made as required under B 5 d.	Refer to the quarterly reports	Reporting Method - Intermittent
Unit 02	Section B 6 d i	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Submit a semi-annual compliance report which contains the required information in 40	Refer to the semiannual report	Reporting Method - Intermittent
Unit 02	Section B 6 d ii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If there are no deviations or out of control periods for the CMS, provide a statement that were no deviations from the emission limitations and work practice standards and out of control periods during the reporting period.	Refer to the semiannual report.	Reporting Method - Intermittent

Unit 02	Section B 6 d iii	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	If there is a deviation or out of control period for the CMS, the report shall contain the information from 40 CFR 63.10031(e).	Refer to the semiannual report.	Reporting Method - Intermittent
Unit 02	Section B 6 d iv	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	For a malfunction, the report shall include the number, duration, and brief description for each.	Refer to the semiannual report.	Reporting Method - Intermittent
Unit 02	Section B 6 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	The permittee shall submit reports to U.S. EPA as required by 40 CFR 63.10031(f).	All reports were submitted to EPA as required. Refer to the semiannual report.	Reporting Method - Intermittent
Unit 02	Section B 6 f	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	See Section F.	N/A	See Section F below.
Unit 02	Section B 7 a	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Continuously operate the PJFF to maximize PM emission reductions consistent with manufacturer's specification, operational design and unit maintenance limitations and good engineering practices	Records maintained.	Proper Operation and Maintenance of Control Equipment - Continuous Method

Unit 02	Section B 7 b	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Continuously operate SCR at all times unit 2 is in operation consistent with technological limitations, manufacturer's specifications and good engineering and maintenance practices for minimizing emissions to the extent practicable	Records maintained	Proper Operation and Maintenance of Control Equipment Method - Continuous
Unit 02	Section B 7 c	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Operate FGD at all times unit 2 is in operation consistent with technological limitations, manufacturer's specifications and good engineering and maintenance practices for minimizing emissions to the extent practicable	Records maintained	Proper Operation and Maintenance of Control Equipment Method - Continuous
Unit 02	Section B 7 d	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	Maintain records regarding the maintenance of control equipment	Records maintained	Recordkeeping Method - Continuous
Unit 02	Section B 7 e	Electric Generating Unit Pulverized coal-fired, dry-bottom, wall-fired unit equipped with electrostatic precipitator and low NOx burners	See Section E	N/A	See Section E below

Unit 03	Section B 1	Coal Handling Operations	Reasonable precautions including specified activities shall be taken to prevent particulate matter from becoming airborne	Reasonable precautions taken as required	Visual Observations and Work Practices Method - Intermittent
Unit 03	Section B 2	Coal Handling Operations	No discharge of visible fugitive dust emissions beyond property line	Records maintained	Visual Observations Method - Intermittent
Unit 03	Section B 4 a	Coal Handling Operations	Monitor the amount of coal received and processed on a weekly basis.	Refer to semiannual report	Visual Observations and Monitoring Method - Intermittent
Unit 03	Section B 4 b	Coal Handling Operations	Conduct daily visual observatoins to ensure units are operating as intended for control of fugitive dust emissions.	Refer to semiannual report	Visual Observations and Monitoring Method - Intermittent
Unit 03	Section B 5 a	Coal Handling Operations	Maintain records of the amount of coal received and processed on a weekly basis	Records maintained.	Recordkeeping Method - Continuous
Unit 03	Section B 5 b	Coal Handling Operations	Maintain records of daily visual observations, corrective actions taken, if any, the date of the observations and the initials of the observers.	Records maintained.	Recordkeeping Method - Continuous
Unit 03	Section B 5 c	Coal Handling Operations	Keep records onsite with hard or electronic copes of the logbook available to the Division upon request.	Records maintained.	Recordkeeping Method - Continuous
Unit 03	Section B 5 d	Coal Handling Operations	See Section F.	N/A	See Section F below.

Unit 03	Section B 6	Coal Handling Operations	See Section F	N/A	See Section F below
Unit 04	Section B 1	Unit 2 Cooling Tower	Shall not use chromium based water treatment chemicals in the cooling tower	Records maintained	Recordkeeping Method - Continuous
Unit 04	Section B 2 a	Unit 2 Cooling Tower	Shall not emit opacity greater than 20%.	Assumed in compliance.	The permit assumes in compliance with the applicable opacity and particulate matter emission standard.
Unit 04	Section B 2 b	Unit 2 Cooling Tower	Particulate emissions shall not exceed the limit listed in the table in Section B 2 b.	Assumed in compliance.	The permit assumes in compliance with the applicable opacity and particulate matter emission standard.
Unit 04	Section B 3	Unit 2 Cooling Tower	Testing shall be conducted at such times as may requested by the Cabinet.	N/A - no testing requested.	N/A
Unit 04	Section B 4	Unit 2 Cooling Tower	Monitor total dissolved solids content of the circulating water on a monthly basis	Refer to the semiannual report and records maintained.	Monitoring Method - Intermittent
Unit 04	Section B 5 a	Unit 2 Cooling Tower	Maintain records of the maximum pumping capacity and TDS content	Records maintained	Recordkeeping Method - Continuous
Unit 04	Section B 5 b	Unit 2 Cooling Tower	Maintain records of the manufacturers design of the drift eliminators	Records maintained	Recordkeeping Method - Continuous
Unit 04	Section B 6	Unit 2 Cooling Tower	See Section F	N/A	See Section F below
Unit 04	Section B 7	Unit 2 Cooling Tower	See Section E	N/A	See Section E below
Unit 05	Section B 2 a	Fly Ash and Lime Waste Silos A and B	Opacity shall be less than 20%.	< 20% Refer to the semiannual report	Visual Observation EPA Method 9 (if required) and Monitoring Method - Intermittent

Unit 05	Section B 2 b	Fly Ash and Lime Waste Silos A and B	PM emissions shall not exceed the process weight calculation.	No PM emissions above the standard. Refer to the semiannual report	Calculation Method - Intermittent
Unit 05	Section B 3	Fly Ash and Lime Waste Silos A and B	Testing shall be conducted at such times as may requested by the Cabinet.	N/A - no testing requested.	N/A
Unit 05	Section B 4 a	Fly Ash and Lime Waste Silos A and B	Monitor the processing rate on a monthly basis.	Refer to the semiannual report	Monitoring Method - Intermittent
Unit 05	Section B 4 b	Fly Ash and Lime Waste Silos A and B	Monitor the hours of operation on a monthly basis.	Refer to the semiannual report.	Monitoring Method - Intermittent
Unit 05	Section B 4 c	Fly Ash and Lime Waste Silos A and B	Comply with specific requirements of Table 3 to monitor emissions of PM.	Refer to the semiannual report and records maintained	Monitoring, Visual Observations, and EPA Method 9 Method - Intermittent
Unit 05	Section B 5 a	Fly Ash and Lime Waste Silos A and B	Maintain records of the process weight rate (tons) on a monthly basis.	Records maintained.	Recordkeeping Method - Continuous
Unit 05	Section B 5 b	Fly Ash and Lime Waste Silos A and B	Maintain records of the hours of operation on a monthly basis.	Records maintained.	Recordkeeping Method - Continuous
Unit 05	Section B 5 c	Fly Ash and Lime Waste Silos A and B	Record each excursion, follow-up, and any QA/QC procedures. Keep a logbook onsite and available should the Cabinet request copies	Records maintained and semiannual report	Recordkeeping and Reporting Method - Continuous and Intermittent
Unit 05	Section B 5 d	Fly Ash and Lime Waste Silos A and B	Maintain records related to pressure drop and continuous recording devices and keep logbook on site	Records maintained onsite.	Recordkeeping Method - Continuous

Unit 05	Section B 6	Fly Ash and Lime Waste Silos A and B	See Section F	N/A	See Section F below
Unit 05	Section B 7 a	Fly Ash and Lime Waste Silos A and B	Maintain records regarding the maintenance of the baghouses	Records maintained	Recordkeeping Method - Continuous
Unit 05	Section B 7 b	Fly Ash and Lime Waste Silos A and B	See Section E	N/A	See Section E below
Unit 07	Section B 2	Coal Crushing Facility	Opacity shall be less than 20%	0% Refer to the semiannual report	Visual Observations and EPA Method 9 Method - Intermittent
Unit 07	Section B 4 a	Coal Crushing Facility	Perform a weekly qualitative visual observation of opacity from each emission unit and maintain a log. Perform a Method 9, inspect and make any repairs if emissions are observed	Refer to the semiannual reports and records maintained.	Weekly Visual Observations EPA Method 9 if required Method - Intermittent
Unit 07	Section B 4 b	Coal Crushing Facility	Monitor the amount of coal (tons) processed on a monthly basis.	Refer to the semiannual reports and records maintained.	Monitoring Method - Intermittent
Unit 07	Section B 5 a	Coal Crushing Facility	Maintain records of weekly qualitative visuals and any Method 9s performed.	Records maintained.	Recordkeeping Method - Continuous
Unit 07	Section B 5 b	Coal Crushing Facility	Maintain records of the amount of coal (tons) processed on a monthly basis.	Records maintained.	Recordkeeping Method - Continuous
Unit 07	Section B 5 c	Coal Crushing Facility	See Section F	N/A	See Section F below
Unit 07	Section B 6	Coal Crushing Facility	See Section F	N/A	See Section F below
Unit 08	Section B 1	Emergency Diesel Generator	Operate emergency RICE according to requirements of an emergency engine.	Refer to semiannual report and records maintained	Monitoring and Recordkeeping Method - Continuous and Intermittent

Unit 08	Section B 2 a i	Emergency Diesel Generator	Change oil and filter every 500 hours of operation or annually, whichever comes first.	Records maintained.	Maintenance Practices and Recordkeeping Method - Intermittent and Continuous
Unit 08	Section B 2 a ii	Emergency Diesel Generator	Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first.	Records maintained.	Maintenance Practices and Recordkeeping Method - Intermittent and Continuous
Unit 08	Section B 2 a iii	Emergency Diesel Generator	Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first.	Records maintained.	Maintenance Practices and Recordkeeping Method - Intermittent and Continuous
Unit 08	Section B 2 b	Emergency Diesel Generator	Minimize the engine's time spent at idle and startup time not to exceed 30 minutes.	Records maintained.	Recordkeeping Method - Continuous
Unit 08	Section B 3	Emergency Diesel Generator	Testing shall be conducted at such times as may requested by the Cabinet.	N/A - no testing requested.	N/A
Unit 08	Section B 4 a	Emergency Diesel Generator	Monitor the amount of fuel used at the generator on a monthly basis	Refer to the semiannual report and records maintained	Monitoring Method - Intermittent
Unit 08	Section B 4 b	Emergency Diesel Generator	Monitor the hours of operation for the generator on a monthly basis.	Refer to the semiannual report and records maintained	Monitoring Method - Intermittent
Unit 08	Section B 5 a	Emergency Diesel Generator	Maintain records of the amount of fuel used at the generator on a monthly basis	Records maintained.	Recordkeeping Method - Continuous

Unit 08	Section B 5 b	Emergency Diesel Generator	Maintain records of the hours of operation for the generator on a monthly basis	Records maintained.	Recordkeeping Method - Continuous
Unit 08	Section B 5 c	Emergency Diesel Generator	Maintain records of maintenance conducted on the engine.	Records maintained.	Recordkeeping Method - Continuous
Unit 08	Section B 5 d	Emergency Diesel Generator	Records shall be in a form suitable and readily available for expeditious review. Records shall be kept for 5 years.	Records maintained.	Recordkeeping Method - Continuous
Unit 08	Section B 6	Emergency Diesel Generator	See Section F	N/A	See Section F below
Unit 09	Section B 1	Pebble Lime, Fly Ash and Waste Product Handling System	Operate fabric filters with a minimum design spec of 0.005 gr/dscf	Records maintained.	Recordkeeping Method - Continuous
Unit 09	Section B 2 a	Pebble Lime, Fly Ash and Waste Product Handling System	Opacity shall be <20%	< 20% Records maintained.	Visual Observations EPA Method 9 if required Method - Intermittent
Unit 09	Section B 2 b	Pebble Lime, Fly Ash and Waste Product Handling System	Particulate emission process weight limits listed in the Table in Section B 2(b).	No PM values were above the standard. Refer to the semiannual reports	Calculation and Reporting Initial Stack Testing Method - Intermittent
Unit 09	Section B 3	Pebble Lime, Fly Ash and Waste Product Handling System	Testing shall be conducted at such times as may requested by the Cabinet.	N/A - no testing requested.	N/A

Unit 09	Section B 4 a	Pebble Lime, Fly Ash and Waste Product Handling System	Perform a qualitative visual from each unit on a weekly basis while in operation. If visible emissions are present, then determine opacity by Method 9.	Records maintained. Refer to seminannual report.	Visual Observations and EPA Method 9 Method - Intermittent
Unit 09	Section B 4 b	Pebble Lime, Fly Ash and Waste Product Handling System	Comply with specific requirements listed in Table 4 of Permit	Records maintained and reported in the semiannual report	Monitoring, Visual Observations, and EPA Method 9 Method - Continuous and Intermittent
Unit 09	Section B 4 c	Pebble Lime, Fly Ash and Waste Product Handling System	Monitor amount of tons of material processed and waste product produced on a monthly basis.	Refer to the semiannual report and records maintained.	Monitoring Method - Intermittent
Unit 09	Section B 4 d	Pebble Lime, Fly Ash and Waste Product Handling System	Monitor the hours of operation on a monthly basis.	Refer to the semiannual report and records maintained.	Monitoring Method - Intermittent
Unit 09	Section B 5 a	Pebble Lime, Fly Ash and Waste Product Handling System	Maintain records of qualitative visuals and any Method 9 readings performed.	Records maintained	Recordkeeping Method - Continuous
Unit 09	Section B 5 b	Pebble Lime, Fly Ash and Waste Product Handling System	Record each excursion, follow-up, QA/QC procedures. Keep a logbook onsite and available should the Cabinet request copies	Records maintained	Recordkeeping Method - Continuous
Unit 09	Section B 5 c	Pebble Lime, Fly Ash and Waste Product Handling System	Maintain records as specified in Table 4 of the Permit.	Records maintained	Recordkeeping Method - Continuous

Unit 09	Section B 5 d	Pebble Lime, Fly Ash and Waste Product Handling System	Maintain records of the amount of material processed and waste product produced, in tons, on a monthly basis.	Records maintained	Recordkeeping Method - Continuous
Unit 09	Section B 5 e	Pebble Lime, Fly Ash and Waste Product Handling System	Maintain records of the hours of operation on a monthly basis.	Records maintained	Recordkeeping Method - Continuous
Unit 09	Section B 6	Pebble Lime, Fly Ash and Waste Product Handling System	See Section F	N/A	See Section F below
Unit 09	Section B 7 a	Pebble Lime, Fly Ash and Waste Product Handling System	Maintain records regarding control equipment maintenance	Records maintained	Recordkeeping Method - Continuous
Unit 09	Section B 7 b	Pebble Lime, Fly Ash and Waste Product Handling System	See Section E	N/A	See Section E below
Unit 10	Section B 1	Paved Roadways Used As Haul Roads	Reasonable precautions including specific activities shall be taken to prevent particulate matter from becoming airborne	Reasonable precautions taken as required. Refer to the semiannual reports and records maintained	Visual Observations Reporting, and Work Practices Method - Intermittent
Unit 10	Section B 2	Paved Roadways Used As Haul Roads	No discharge of visible fugitive dust emissions beyond property line	Records maintained	Visual Observations and Monitoring Method - Continuous and Intermittent
Unit 10	Section B 4	Paved Roadways Used As Haul Roads	Monitor the application of wet suppression	Records maintained	Monitoring and Recordkeeping Method - Continuous and Intermittent
Unit 10	Section B 5	Paved Roadways Used As Haul Roads	Maintain a log of the application of wet suppression	Records maintained	Recordkeeping Method - Continuous
Unit 10	Section B 6	Paved Roadways Used As Haul Roads	See Section F	N/A	See Section F below
Unit 10	Section B 7 a	Paved Roadways Used As Haul Roads	Wet suppression shall be used to ensure haul roads are in compliance	Records maintained	Visual Observations and Recordkeeping Work practices Method - Intermittent and Continuous

Unit 10	Section B 7 b	Paved Roadways Used As Haul Roads	Records regarding the maintenance of the control equipment shall be maintained	Records maintained	Recordkeeping Method - Continuous
Unit 10	Section B 7 c	Paved Roadways Used As Haul Roads	See Section E	N/A	See Section E below
Unit 12	Section B 1 a	Communications Tower Emergency Generator	Meet NSPS requirements for spark engines and no other requirements apply to such engines under NESHAP	Records maintained	Recordkeeping Method - Continuous
Unit 12	Section B 1 b	Communications Tower Emergency Generator	Operate and maintain generator to achieve required emissions standards throughout the entire life of the engine	Records maintained.	Proper Operation and Maintenance of Equipment Method - Continuous
Unit 12	Section B 1 c	Communications Tower Emergency Generator	Do not install engines that do not meet the applicable requirements	Records maintained.	Recordkeeping Method - Continuous
Unit 12	Section B 1 d	Communications Tower Emergency Generator	Operate the emergency stationary ICE according to the requirements of an emergency engine.	Refer to the semiannual reports and records maintained.	Recordkeeping Method - Continuous
Unit 12	Section B 1 e	Communications Tower Emergency Generator	Shall comply with applicable general provisions in 40 CFR 60	Records maintained	Recordkeeping Method - Continuous
Unit 12	Section B 2	Communications Tower Emergency Generator	The permittee shall comply with the emission standards in 40 CFR 60.4231(c).	Engine is certified. Records maintained.	Recordkeeping Method - Continuous

Unit 12	Section B 3	Communications Tower Emergency Generator	If engine is not certified or not properly operated, perform initial testing to certify engine	Engine is certified and properly operated. Records maintained	N/A
Unit 12	Section B 4 a	Communications Tower Emergency Generator	Monitor the amount of fuel used in the generator on a monthly basis	Refer to the semiannual reports and records maintained.	Monitoring Method - Intermittent
Unit 12	Section B 4 b	Communications Tower Emergency Generator	Install a non-resettable hour meter upon start up of the emergency engine	Refer to the semiannual reports and records maintained.	Monitoring and Recordkeeping Method - Intermittent and Continuous
Unit 12	Section B 5 a	Communications Tower Emergency Generator	Maintain records of the amount of fuel used in the generator on a monthly basis	Records maintained	Recordkeeping Method - Continuous
Unit 12	Section B 5 b	Communications Tower Emergency Generator	Maintain records of the hours of operation of the generator on a monthly basis	Records maintained	Recordkeeping Method - Continuous
Unit 12	Section B 5 c	Communications Tower Emergency Generator	Keep records of the hours of operation of the engine that is recorded on the non-resettable hour meter. From these hours, document how many hours are spent for emergency use, the classification of emergency, and how many hours were spent for non emergency.	Records maintained	Recordkeeping Method - Continuous

Unit 12	Section B 5 d	Communications Tower Emergency Generator	Keep records of maintenance conducted on the engine, notification and certification information according to 40 CFR 60.4245(a)(1) through (4).	Records maintained	Recordkeeping Method - Continuous
Unit 12	Section B 6	Communications Tower Emergency Generator	See Section F	N/A	See Section F below
Unit 13	Section B 1 a	Fire Pump Engine	Change oil and filter every 500 hours/ or annually. Inspect air cleaner every 1,000 hours or annually. Inspect all belts and hoses every 500 hours/ or annually. Minimize the engines startup and idle, not to exceed 30 minutes, after which emission limitations apply.	Records maintained	Maintenance Practices and Recordkeeping Method -Intermittent and Continuous
Unit 13	Section B 1 b	Fire Pump Engine	Install a non-resettable hour meter if one is not already installed.	Refer to the semiannual reports and records maintained	Monitoring and Recordkeeping Method - Continuous and Intermittent

Unit 13	Section B 1 c	Fire Pump Engine	Operate and maintain engine according to the manufacturer's written emission related instructions or develop a facilities maintenance plan consistent with good air pollution control practices for minimizing emissions	Records maintained	Proper operation and Maintenance of equipment Method - Continuous
Unit 13	Section B 1 d	Fire Pump Engine	Comply with the operating limitations at all times. Air pollution control equipment and monitoring equipment must be operated and maintained consistent with safety and good air pollution control practices to minimize emissions.	Refer to the semiannual reports and records maintained	Proper Operation and Maintenance of Equipment Monitoring, Recordkeeping, and Reporting Method - Intermittent and Continuous
Unit 13	Section B 1 e	Fire Pump Engine	Option to utilize oil analysis to extend the specified oil change. Program to meet minimum requirements and records to be kept. Program must be part of the maintenance plan for the engine.	N/A	N/A Oil Analysis Option is not Used for any Cooper Engine

Unit 13	Section B 1 f	Fire Pump Engine	Operate emergency RICE according to requirements of an emergency engine only	Refer to the semiannual reports and records maintained	Monitoring and Recordkeeping Method - Continuous and Intermittent
Unit 13	Section B 1 g	Fire Pump Engine	Use of non-road diesel fuel	Records maintained.	Recordkeeping Method - Continuous
Unit 13	Section B 3	Fire Pump Engine	Testing shall be conducted at such times as may requested by the Cabinet.	N/A - no testing requested.	N/A
Unit 13	Section B 4 a	Fire Pump Engine	Monitor the amount of fuel used for the engine on a monthly basis.	Refer to the semiannual reports and records maintained	Monitoring Method - Intermittent
Unit 13	Section B 4 b	Fire Pump Engine	Monitor the hours of operation of the engine on a monthly basis.	Refer to the semiannual reports and records maintained	Monitoring Method - Intermittent
Unit 13	Section B 5 a	Fire Pump Engine	Maintain records of the amount of fuel oil used for the engine on a monthly basis.	Records maintained.	Recordkeeping Method - Continuous
Unit 13	Section B 5 b	Fire Pump Engine	Maintain records of the hours of operation of the engine on a monthly basis.	Records maintained.	Recordkeeping Method - Continuous
Unit 13	Section B 5 c	Fire Pump Engine	Maintain specified records in a form suitable and available for review for 5 years following the date of each occurrence	Records maintained	Recordkeeping Method - Continuous

Unit 13	Section B 6 a	Fire Pump Engine	Report any instance where the emission limitation is not met. Operating parameters must be reestablished if catalyst is changed. When reestablished, a performance test must be conducted	Records maintained.	Monitoring, Recordkeeping, and Reporting Method - Continuous and Intermittent
Unit 13	Section B 6 b	Fire Pump Engine	Report each instance where requirements of Table 8- Subpart ZZZZ were not met	Refer to semiannual reports	Monitoring, Recordkeeping, and Reporting Method - Continuous and Intermittent
Unit 13	Section B 6 c	Fire Pump Engine	See Section F	N/A	See Section F below
Unit 16	Section B 1 a	Leachate Transfer Pump Engine	Meet NSPS requirements for spark engines and no other NESHAP requirements apply to such engines	Records maintained	Recordkeeping Method - Continuous
Unit 16	Section B 1 b	Leachate Transfer Pump Engine	Operate and maintain engine to achieve the emission standards over the entire life of the engine	Records maintained	Proper Operation and Maintenance of Equipment Method - Continuous
Unit 16	Section B 1 c	Leachate Transfer Pump Engine	Purchase an engine certified to the emission standards in 40 CFR 60.4231 (a). Must meet one of the requirements in 40 CFR 60.4243(a)(1) and (2)	Records maintained.	Recordkeeping Method - Continuous

Unit 16	Section B 1 d	Leachate Transfer Pump Engine	Comply with the General Provisions in 40 CFR 60.1-60.12, 60.14-60.17 and 60.19	Records maintained.	Monitoring and Recordkeeping Method - Continuous and Intermitent
Unit 16	Section B 2	Leachate Transfer Pump Engine	Certify the engine to the certification emission standards applicable to class II engines and other requirements for new non-road SI engines by purchasing certified engine.	Records maintained.	Recordkeeping Method - Continuous
Unit 16	Section B 3	Leachate Transfer Pump Engine	Testing shall be conducted at such times as may requested by the Cabinet.	N/A - no testing requested.	N/A
Unit 16	Section B 4 a	Leachate Transfer Pump Engine	Monitor the amount of fuel used by the engine on a monthly basis	Refer to the semiannual report.	Monitoring and Reporting Method - Intermittent
Unit 16	Section B 4 b	Leachate Transfer Pump Engine	Monitor the hours of operation on a monthly basis	Refer to the semiannual report.	Monitoring and Reporting Method - Intermittent
Unit 16	Section B 5 a	Leachate Transfer Pump Engine	Maintain records of the amount of fuel used by the engine on a monthly basis	Records maintained.	Recordkeeping Method - Continuous
Unit 16	Section B 5 b	Leachate Transfer Pump Engine	Maintain records of the hours of operation on a monthly basis	Records maintained.	Recordkeeping Method - Continuous
Unit 16	Section B 5 c	Leachate Transfer Pump Engine	Keep records of notifications, the maintenance conducted on the engine and certification information	Records maintained.	Recordkeeping Method - Continuous

Unit 16	Section B 6	Leachate Transfer Pump Engine	See Section F	N/A	See Section F below
Insignificant Activities	Section C	Applicable Insignificant Activities	Comply with applicable regulations. Process and emission control equipment at each insignificant activity subject to an opacity standard shall be inspected monthly and a visible emissions evaluation made. Results of the inspection, evaluation and any corrective action shall be recorded in a log.	Records maintained	Inspections, Visual observations and Recordkeeping Method - Intermittent and Continuous
All Applicable Units	Section D 1	All Applicable Units	Compliance with annual emissions and processing limits are based on a consecutive 12 month period	Refer to the quarterly and semiannual reports and records maintained.	Recordkeeping Method - Continuous
All Applicable Units	Section D 2	All Applicable Units	PM, NOX, SO2 and opacity emissions measured by applicable test methods shall not exceed the limits	Refer to the quarterly and semiannual reports	Part 60 Certified COMS, Certified CEMS, Stack testing, Visual Observation, and EPA Method 9 Method - Continuous and Intermittent
All Applicable Units	Section D 3	All Applicable Units	The following units make up "the EKPC system" Cooper 1 and 2, Dale 3 and 4 and Spurlock 1 and 2	N/A	N/A

All Applicable Units	Section D 4	All Applicable Units	Comply with a system-wide 12 Month Rolling Tonnage limit for NOX of 8,000 tons within "the EKPC System" commencing on 1/1/2015	< 8,000 tons See DEP 7007CC 10a) Attachment 1	Certified CEMS and Recordkeeping Method - Continuous
All Applicable Units	Section D 5	All Applicable Units	Comply with a system-wide 12 Month Rolling Tonnage limit for SO2 of 28,000 tons within the "EKPC System" commencing on 1/1/2013.	< 28,000 tons See DEP 7007CC 10a) Attachment 2	Certified CEMS and Recordkeeping Method - Continuous
All Applicable Units	Section D 6	All Applicable Units	Definition of "System- Wide 12 Month Rolling Tonnage"	N/A	N/A
All Applicable Units	Section D 7	All Applicable Units	Provide sufficient data to demonstrate compliance with the "EKPC System-Wide" NOX and SO2 limits	Refer to DEP 7007CC 10a) Attachments 1 and 2	Certified CEMS and Recordkeeping Method - Continuous
All Applicable Units	Section D 8	All Applicable Units	Notify US EPA of malfunction events under CD	Records retained at EKPC Headquarters	Recordkeeping and Reporting Method - Continuous and Intermittent
All Applicable Units	Section D 9	All Applicable Units	Follow CD requirements in regards to emission rate reporting	Records retained at EKPC Headquarters	Reporting Method - Intermittent
All Applicable Units	Section D 10	All Applicable Units	CD Definition for calculating a 30 day rolling average emission rate	N/A	N/A
All Applicable Units	Section D 11	All Applicable Units	CD Definition for calculating a 30 day SO2 removal efficiency rate	N/A	N/A
All Applicable Units	Section D 12	All Applicable Units	CD Definition for PM emission rate	N/A	N/A

All Applicable Units	Section D 13	All Applicable Units	CD Definition for SO2 allowance	N/A	N/A
All Applicable Units	Section D 14	All Applicable Units	CD Definition and procedures for force majeure event	N/A	N/A
All Applicable Units	Section D 15	All Applicable Units	General Emission Limitations Provision.	Records maintained	Recordkeeping Method - Continuous
All applicable Units	Section D 16	All Applicable Units	Source-wide SO2 emissions shall not exceed 1,800 tons per year on a 12 month rolling total beginning calendar year 2017 and thereafter.	<1,800 tons See DEP 7007CC 10a) Attachment 3 Records maintained.	Certified CEMS, Calculation, and Recordkeeping Method - Continuous and Intermittent
All Applicable Units	Section E	All Applicable Units	Maintain and operate facility and associated control equipment in a manner consistent with good air pollution control device practices for minimizing emissions	Equipment operated consistent with good air pollution control practices	Proper Operation and Maintenance of Facility and Control Equipment Method - Continuous
All Applicable Units	Section F	All Applicable Units	Monitoring, Recordkeeping and Reporting	Monitoring, Recordkeeping, and Reporting completed as required	Monitoring, Recordkeeping and Reporting Method - Continuous and Intermittent
All Applicable Units	Section G 1	All Applicable Units	General compliance requirements.	Source operated in compliance with general compliance provisions	Recordkeeping and Reporting Method - Continuous and Intermittent
All Applicable Units	Section G 2	All Applicable Units	Permit expiration and reapplication requirements	N/A	N/A
All Applicable Units	Section G 3	All Applicable Units	Permit revision procedures	N/A	N/A
All Applicable Units	Section G 4	All Applicable Units	Construction, startup, and initial compliance demonstration requirements.	N/A	N/A

All Applicable Units	Section G 5	All Applicable Units	Testing requirements.	Refer to test reports and protocol submittals to the Division.	Testing and Reporting Method - Intermittent and Continuous
All Applicable Units	Section G 6	All Applicable Units	Acid rain program requirements.	The appropriate submittals were made on time.	Recordkeeping and Reporting Method - Intermittent and Continuous
All Applicable Units	Section G 7	All Applicable Units	Emergency provisions.	N/A	N/A
All Applicable Units	Section G 8	All Applicable Units	Ozone depleting substances.	N/A	Recordkeeping, Reporting and Work Practices Method - Intermittent and Continuous
All Applicable Units	Section G 9	All Applicable Units	Risk Management provisions.	N/A	N/A
All Applicable Units	Section J	All Applicable Units	Acid Rain	Complied with applicable requirements. Records maintained.	Monitoring, Recordkeeping and Reporting Method - Continuous and Intermittent
All Applicable Units	Section K	All Applicable Units	CAIR	N/A	N/A
All Applicable Units	Section L	All Applicable Units	CSAPR	Complied with applicable requirements. Records maintained.	Monitoring, Recordkeeping and Reporting Method - Continuous and Intermittent

Section CC.3: Identification of Emission Units & Each Term or Condition of the Permit

Emission Units Subject to Future Compliance Dates

10b) Emission Units Subject to Future Compliance Dates. *The following emission units will achieve compliance on a timely basis and maintain compliance with future compliance dates as they become applicable during the permit term. If additional space is required, reproduce this page as needed.*

Emission Unit/Permit ID#	Future Compliance Schedule	Emission Unit Description	Reason for Future Compliance Date
			No emission units subject to future compliance dates.

Section CC.3: Identification of Emission Units & Each Term or Condition of the Permit

Emission Units Not in Continuous Compliance

10c)(1) Emission Units Not in Continuous Compliance. *The following emission units were not in continuous compliance with each permit term or condition and applicable requirements listed here, such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below. If additional space is required, reproduce this page as needed.*

Emission Unit/Permit ID#	Permit Term, Condition, or Applicable Regulation	Emission Unit Description	Permit Limit or Requirement	Actual Emissions or Status of Requirement	The method used for determining compliance over the reporting period, and whether the method provided continuous or intermittent data. *(such as test methods, monitoring procedures, recordkeeping and reporting)*
Unit 07	Section B 3	Coal Crushing Facility	The permittee shall determine opacity on a monthly basis.	Conducted Method 9s in five of the 11 months the unit operated.	EPA Method 9 Method - Intermittent

Section CC.3: Identification of Emission Units & Each Term or Condition of the Permit

Emission Units Not in Continuous Compliance (continued)

10c)(2) Emission Units Not in Continuous Compliance. *For the emission units and requirements listed in 10c)(1) that were not in continuous compliance since the last reporting period, state the duration, magnitude, and reason or reasons for non-compliance. Each row of 10c)(2) must relate to the corresponding row of 10c)(1). If additional space is required, reproduce this page as needed.*

Emission Unit/Permit ID#	Description of duration, magnitude, and reason(s) for non-compliance and corrective steps taken or planned.
Unit 07	Due to personnel changes, inadvertent miscommunication between the plant and the certified Method 9 reader resulted in Method 9 readings in five of the 11 months the facility operated. To prevent future occurences, the material handling staff was retrained to notify the Environmental team when the unit operates to assure a Method 9 is conducted during the operating month. Additionally, the task in EKPC's Environmental Management System has been updated to assure the monthly requirement is met.

DEP7007CC 10a)

Attachment 1
EKPC System-Wide NOx

EKPC SYSTEM CD 12 MONTH ROLLING NOx AVERAGES
2022

MONTH	EKPC SYSTEM 12 MONTH ROLLING AVERAGE NOx TONS	EKPC SYSTEM 12 MONTH ROLLING NOx TONS LIMIT
January	2,522	8,000
February	2,468	8,000
March	2,475	8,000
April	2,458	8,000
May	2,423	8,000
June	2,371	8,000
July	2,296	8,000
August	2,201	8,000
September	2,210	8,000
October	2,313	8,000
November	2,398	8,000
December	2,523	8,000

DEP7007CC 10a)

Attachment 2
EKPC System-Wide SO_2

EKPC SYSTEM CD 12 MONTH ROLLING SO_2 AVERAGES

2022

MONTH	EKPC SYSTEM 12 MONTH ROLLING AVERAGE SO_2 TONS	EKPC SYSTEM 12 MONTH ROLLING SO_2 TONS LIMIT
January	1,880	28,000
February	1,771	28,000
March	1,808	28,000
April	1,899	28,000
May	2,028	28,000
June	2,016	28,000
July	2,009	28,000
August	1,997	28,000
September	1,892	28,000
October	2,011	28,000
November	2,062	28,000
December	2,162	28,000

DEP7007CC 10a)

Attachment 3
Source Wide SO2 Tons

SOURCE WIDE 12 MONTH SO_2 ROLLING TOTALS
2022

MONTH	SOURCE WIDE 12 MONTH ROLLING TOTAL SO_2 TONS	SOURCE WIDE 12 MONTH ROLLING SO_2 TONS LIMIT
January	218	1,800
February	205	1,800
March	205	1,800
April	190	1,800
May	180	1,800
June	180	1,800
July	158	1,800
August	147	1,800
September	146	1,800
October	149	1,800
November	149	1,800
December	155	1,800

Section CC.4: Notes, Comments, and Explanations