EAST KENTUCKY POWER COOPERATIVE

1/28/2023

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Karen Deskins
Division for Air Quality
Ashland Regional Office
1550 Wolohan Drive, Suite 1
Ashland, KY 41102-8942

Subject: 2022 Title V Annual Report for Spurlock Power Station

Dear Ms. Deskins:

Enclosed is the 2022 Title V Annual Report for Spurlock Power located in Maysville, 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

Spurlock Generating Station

Title V Annual Report

2022

Reporting Period

January 1, 2022 - December 31, 2022

Submitted to:

Division For Air Quality
Ashland Regional Office
1550 Wolohan Drive, Suite 1
Ashland, Kentucky 41102-8942

East Kentucky Power Cooperative

Spurlock 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 Forsythe Street
Atlanta GA 30303-8960

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

Hugh L. Spurlock Generating Station

2) Agency Interest (AI) ID

3004

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

1301 West 2nd Street, Maysville, KY 41056

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-15-063 R1	Mason	**21- 161-00009**

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)*
EU01 (Unit 1)	Section B 1	Electric Generating Unit	Comply with applicable operating limits in 40 CFR 63, Subpart UUUUU by April 16, 2015	Records maintained	Monitoring and Recordkeeping Method - Continuous
EU01 (Unit 1)	Section B 2 a (1)	Electric Generating Unit	No later than April 30, 2017, filterable PM shall not exceed 0.030 lb/MMBtu based on a 3-hr average.	0.001 lb/MMBtu PM test conducted on 8/18/16. Refer to test results.	Testing Method - Intermittent
EU01 (Unit 1)	Section B 2 a (2)	Electric Generating Unit	Particulate emissions shall not exceed 0.14 lb/MMBtu on a 3 hour average	0.002 lb/MMBtu PM test conducted on 8/2/2022. Refer to test results.	Testing Method - Intermittent
EU01 (Unit 1)	Section B 2 b	Electric Generating Unit	Emissions shall not exceed 20% opacity, except (1) max of 40% for 6 minutes in any 60 consecutive minutes, and (2) during startup. Startup time shall not exceed the manufacturer's recommendations	0.63% Records maintained.	Method 9 Method - Intermittent

EU01 (Unit 1)	Section B 2 c	Electric Generating Unit	SO2 emissions shall not exceed 3.0 lb/MMBtu on a 24 hour average.	< 3.0 lb/MMBtu Refer to quarterly reports.	Certified CEMS Method - Continuous
EU01 (Unit 1)	Section B 2 d	Electric Generating Unit	Continuously operate WFGD to achieve and maintain a 30 day Rolling Average or a 95% or greater removal efficiency or a 30-Day Rolling Average Emission Rate for SO2 of no greater than 0.100 lb/MMBtu	> 95% or < 0.100 lb/MMBtu Refer to quarterly reports	Certified CEMS Method - Continuous
EU01 (Unit 1)	Section B 2 e	Electric Generating Unit	Operate SCR technology year-round to achieve and maintain a NOx 30-Day Rolling Average Emission Rate no greater than 0.100 lb/MMBtu	< 0.100 lb/MMBtu Refer to quarterly reports.	Certified CEMS Method - Continuous
EU01 (Unit 1)	Section B 2 f	Electric Generating Unit	Comply with applicable emission limits in 40 CFR 63 Subpart UUUUU.	SO2: < 0.20 lb/MMBtu PM: < 0.030 lb/MMBtu Hg: < 1.2 lb/TBtu Refer to quarterly and semiannual reports	Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous
EU01 (Unit 1)	Section B 3 a	Electric Generating Unit	Conduct Method 5 Test for particulate within 1 year of issuance of permit and within 3rd year of the permit term.	Performed on 8/2/2022.	Stack Testing Method - Intermittent

EU01 (Unit 1)	Section B 3 b	Electric Generating Unit	Conduct a particulate performance test annually unless (1) two of the most recently completed test results demonstrate PM emissions are equal to or less than 0.015 lb/MMBtu or (2) unit is equipped with a PM CEMS.	Performed on 8/2/2022.	Stack Testing Method - Intermittent
EU01 (Unit 1)	Section B 3 c	Electric Generating Unit	Initial performance testing is required to demonstrate compliance with applicable emission limits in 40 CFR 63, Subpart UUUUU by October 13, 2015. May include traditional stack tests or continuous monitoring system or both.	N/A	Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous
EU01 (Unit 1)	Section B 4 a	Electric Generating Unit	Install, calibrate, operate and maintain the equipment necessary to continuously monitor filterable PM, SO2, NOx, and oxygen or CO2.	Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous

EU01 (Unit 1)	Section B 4 b	Electric Generating Unit	If 3-hr average PM emissions exceed 0.14 lb/MMBtu, must inspect PM CEMS and control equipment and make any necessary repairs. If 5% or greater of the 3-hour average PM CEMS data exceeds the standard must stack test in the following calendar quarter.	Refer to the quarterly and semiannual reports.	Certified CEMS and Recordkeeping Method - Continuous
EU01 (Unit 1)	Section B 4 c	Electric Generating Unit	The permittee shall use the procedures in 401 KAR 61:005, Section 3(16) for converting monitoring data to units of the standard.	Refer to the quarterly and semiannual reports.	Monitoring and Recordkeeping Method - Continuous
EU01 (Unit 1)	Section B 4 d	Electric Generating Unit	The sulfur content of the fuel as burned shall be determined, the rate of each fuel burned, heating value, ash content, electrical output and minimum and maximum generation rate shall be measured and recorded	Refer to the semiannual reports and records maintained.	Fuel Sampling Analyses, Monitoring and Recordkeeping Method - Intermittent and Continuous
EU01 (Unit 1)	Section B 4 e	Electric Generating Unit	Monitor the time between ignition and steady state operation is achieved	Refer to the quarterly reports.	Monitoring and Recordkeeping Method - Continuous

EU01 (Unit 1)	Section B 4 f	Electric Generating Unit	Permittee shall demonstrate continuous compliance with each applicable emissions limit, operating limit, and work practice standard in 40 CFR 63, Subpart UUUUU by April 16, 2015.	Refer to the quarterly and semiannual reports.	Certified CEMS and Appendix K Sorbent Trap Monitoring System Monitoring and Recordkeeping Method - Continuous and Intermittent
EU01 (Unit 1)	Section B 5 a	Electric Generating Unit	Maintain file for minimum of 5 years from the date of collection of data or submission to the Cabinet of performance, testing and data.	Records maintained	Recordkeeping Method - Continuous
EU01 (Unit 1)	Section B 5 b	Electric Generating Unit	Comply with recordkeeping requirements in 401 KAR 52:020 Section 10. Maintain records of monitoring data, monitor performance data, corrective actions, any written quality improvement plan and actions to implement the plan and other supporting information required by 40 CFR Part 64.	Records maintained	Recordkeeping Method - Continuous

EU01 (Unit 1)	Section B 5 c	Electric Generating Unit	No later than April 16, 2015, the permittee shall keep records as required by 40 CFR 63.10032 and 40 CFR 63.10033.	Records maintained	Recordkeeping Method - Continuous
EU01 (Unit 1)	Section B 6 a	Electric Generating Unit	For each continuous monitoring system, submit a written report of excess emissions including nature and cause (if known) every calendar quarter. Provide the required information in the appropriate format.	Refer to the quarterly reports.	Reporting Method - Intermittent
EU01 (Unit 1)	Section B 6 b	Electric Generating Unit	Submit monitoring reports in accordance with 401 KAR 52:020, Section 10 and provide the required information.	Refer to the quarterly reports.	Reporting Method - Intermittent
EU01 (Unit 1)	Section B 6 c	Electric Generating Unit	Meet the notification and reporting requirements in 40 CFR 63.10030 and 63.10031.	Refer to semiannual reports and notifications submitted to the Division.	Reporting Method - Intermittent

EU01 (Unit 1)	Section B 7 a	Electric Generating Unit	ESP, SCR, WESP and WFGD systems shall be operated to maintain compliance with emission limits consistent with manufacturers' specifications and/or good operating practices.	Records maintained	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous
EU01 (Unit 1)	Section B 7 b	Electric Generating Unit	Continuously operate the SCR at all times unit is in operation consistent with technological limitations, manufacturers' specifications and good engineering and maintenance practices for the SCR for minimizing emissions to the extent practicable.	Records maintained	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous
EU01 (Unit 1)	Section B 7 c	Electric Generating Unit	Operate low NOX burners at all times the unit is in operation	Records maintained	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous

EU01 (Unit 1)	Section B 7 d	Electric Generating Unit	Continuously operate the FGD at all times the emission unit is in operation consistent with technological limitations, manufacturers' specifications and good engineering and maintenance practices for the FGD, minimizing emissions to the extent practicable.	Records maintained	Proper Operation and Maintenance of Equipment Method - Continuous
EU01 (Unit 1)	Section B 7 e	Electric Generating Unit	Continuously operate ESP to maximize PM emission reductions consistent with manufacturers' specifications, operational design and maintenance limitations of unit and good engineering practices. Comply with required minimum practices.	Records maintained	Proper Operation and Maintenance of Equipment Method - Continuous
EU01 (Unit 1)	Section B 7 f	Electric Generating Unit	Records regarding the maintenance of the control equipment shall be maintained	Records maintained	Recordkeeping Method - Intermittent

EU01 (Unit 1)	Section B 7 g	Electric Generating Unit	Implement the technology specified in the Kentucky BART SIP by utilizing the ESP/WFGD control train.	Records maintained	Proper Operation and Maintenance of Equipment Method - Continuous
EU01 (Unit 1)	Section B 7 h	Electric Generating Unit	See Section E	N/A	See Section E below
EU02 (Unit 2)	Section B 1 a	Electric Generating Unit	Operate at a maximum heat input not greater than 5600 MMBtu/hr as determined by weekly average	Max Average 5548 MMBtu/hr Records maintained.	Certified CEMS and Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 1 b	Electric Generating Unit	Comply with the applicable operating limits in 40 CFR 63, Subpart UUUUU by April 16, 2015	Records maintained	Monitoring and Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 2 a (1)	Electric Generating Unit	PM emissions shall not exceed 0.10 lb/MMBtu derived from fossil fuel.	0.004 lb/MMBtu PM test conducted on 8/3/2022. Refer to test results.	Testing Method - Intermittent
EU02 (Unit 2)	Section B 2 a (2)	Electric Generating Unit	Emissions shall not exceed 20% opacity except for one 6-minute period per hour of not more than 27% opacity.	1.04% Records maintained.	Method 9 Method - Intermittent
EU02 (Unit 2)	Section B 2 b	Electric Generating Unit	SO2 emissions shall not exceed 1.2 lb/MMBtu on a 3-hr average	< 1.2 lb/MMBtu Refer to the quarterly reports.	Certified CEMS Method - Continuous
EU02 (Unit 2)	Section B 2 c	Electric Generating Unit	NOX emissions shall not exceed 0.70 lb/MMBtu on a 3-hr average.	< 0.70 lb/MMBtu Refer to the quarterly reports.	Certified CEMS Method - Continuous

EU02 (Unit 2)	Section B 2 d	Electric Generating Unit	Continuously operate WFGD to achieve and maintain a 30-Day Rolling Average Removal Efficiency for SO2 of at least 95% or 30-Day Rolling Average SO2 Emission Rate no greater than 0.100 lb/MMBtu.	> 95% or < 0.100 lb/MMBtu Refer to the quarterly reports.	Certified CEMS Method - Continuous
EU02 (Unit 2)	Section B 2 e	Electric Generating Unit	Operate SCR year-round to achieve a NOx 30-Day Rolling Average Emission Rate not greater than 0.100 lb/MMBtu.	< 0.100 lb/MMBtu Refer to the quarterly reports.	Certified CEMS Method - Continuous
EU02 (Unit 2)	Section B 2 f	Electric Generating Unit	Comply with applicable emission limits in 40 CFR 63 Subpart UUUUU.	SO2: < 0.20 lb/MMBtu PM: < 0.030 lb/MMBtu Hg: < 1.2 lb/TBtu Refer to quarterly and semiannual reports	Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous
EU02 (Unit 2)	Section B 2 g	Electric Generating Unit	No later than April 30, 2017, filterable PM shall not exceed 0.030 lb/MMBtu based on a 3-hr average.	0.001 lb/MMBtu PM test conducted on 8/17/16. Refer to test results.	Stack Testing Method - Intermittent

EU02 (Unit 2)	Section B 3 a	Electric Generating Unit	Conduct performance test for particulate in accordance with 401 KAR 50:045 and 40 CFR 64.4(c)(1) within 1 year of issuance of permit and within 3rd year of the permit term if no additional tests performed.	Performed on 8/3/2022.	Stack Testing Method - Intermittent
EU02 (Unit 2)	Section B 3 b	Electric Generating Unit	Conduct a particulate performance test annually unless (1) two of the most recently completed test results demonstrate PM emissions are equal to or less than 0.015 lb/MMBtu or (2) unit is equipped with a PM CEMS	Performed on 8/3/2022.	Stack Testing Method - Intermittent
EU02 (Unit 2)	Section B 3 c	Electric Generating Unit	Determine compliance with the PM, SO2, and NOx standards in 40 CFR 60.42, 60.43, and 60.44 using the procedures specified in 40 CFR 60.46(b).	Records maintained.	Testing Method - Intermittent

EU02 (Unit 2)	Section B 3 d	Electric Generating Unit	Conduct a performance test using Method 9 to demonstrate compliance with the applicable limit in 40 CFR 60.42 within 90 days of issuance of the permit. Conduct subsequent tests per schedules in 40 CFR 60.45(b)(7).	Performed on 2/21/2022.	Testing - Method 9 Method - Intermittent
EU02 (Unit 2)	Section B 3 e	Electric Generating Unit	Determine the percentage of the total heat input derived from each type of fuel if combinations of fossil fuels or fossil fuel and wood residue are fired using procedures in 40 CFR 60.46(c).	No wood residue was burned. Records maintained.	Sampling, Calculation, and Recordkeeping Method - Intermittent and Continuous
EU02 (Unit 2)	Section B 3 f	Electric Generating Unit	Initial performance testing is required to demonstrate compliance with applicable emission limits in 40 CFR 63, Subpart UUUUU by October 13, 2015. May include traditional stack tests or continuous monitoring system or both.	N/A	Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous

EU02 (Unit 2)	Section B 4 a	Electric Generating Unit	Install, calibrate, operate and maintain monitoring equipment for continuous monitoring of PM, SO2, NOx, and either O2 or CO2.	Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU02 (Unit 2)	Section B 4 b	Electric Generating Unit	If a 3-hour average PM emissions exceed the PM standard, inspect the PM CEMS and/or control equipment and make any necessary repairs. If 5% or greater of the 3-hour average PM CEMS data exceeds the PM standard, perform a stack test in the following calendar quarter.	Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU02 (Unit 2)	Section B 4 c	Electric Generating Unit	Monitor the time between ignition and steady state operation is achieved	Refer to the quarterly reports.	Monitoring and Recordkeeping Method - Continuous and Intermittent
EU02 (Unit 2)	Section B 4 d	Electric Generating Unit	Permittee shall demonstrate continuous compliance with each applicable emissions limit, operating limit, and work practice standard in 40 CFR 63, Subpart UUUUU by April 16, 2015.	Refer to the quarterly and semiannual reports.	Certified CEMS and Appendix K Sorbent Trap Monitoring System Monitoring and Recordkeeping Method - Continuous and Intermittent

EU02 (Unit 2)	Section B 5 a	Electric Generating Unit	Maintain results of all compliance tests	Records maintained.	Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 5 b	Electric Generating Unit	Comply with recordkeeping requirements in 401 KAR 52:020 Section 10. Maintain records of monitoring data, monitor performance data, corrective actions, any written quality improvement plan and actions to implement the plan and other supporting information required by 40 CFR Part 64.	Records maintained.	Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 5 c	Electric Generating Unit	Record the time of ignition, the time steady state operation is achieved, and calculate and record the elapsed time between the two.	Records maintained.	Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 5 d	Electric Generating Unit	No later than April 16, 2015, keep records required by 40 CFR 63.10032 and 40 CFR 63.10033	Records maintained.	Recordkeeping Method - Continuous

EU02 (Unit 2)	Section B 6 a	Electric Generating Unit	Submit excess emission and monitoring system performance reports to the Division semiannually for each six-month period in the calendar year.	Refer to the quarterly and semiannual reports.	Reporting Method - Intermittent
EU02 (Unit 2)	Section B 6 b	Electric Generating Unit	Submit monitoring reports in accordance with 401 KAR 52:020, Section 10 and provide required information.	Refer to the quarterly reports.	Reporting Method - Intermittent
EU02 (Unit 2)	Section B 6 c	Electric Generating Unit	Keep the records for each performance test conducted using U.S. EPA Reference Method 9 of Appendix A-4 of 40 CFR Part 60, including specified information.	Records maintained.	Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 6 d	Electric Generating Unit	Report the required information for startup events	Refer to the quarterly reports.	Reporting Method - Intermittent
EU02 (Unit 2)	Section B 6 e	Electric Generating Unit	Meet the notification and reporting requirements in 40 CFR 63.10030 and 63.10031.	Refer to the semiannual reports and notifications submitted to the Division.	Reporting Method - Intermittent

EU02 (Unit 2)	Section B 7 a	Electric Generating Unit	ESP, SCR, WESP and WFGD system shall be operated to maintain compliance with permit emission limits consistent with manufacturers' specifications and/or good operating practices.	Records maintained.	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 7 b	Electric Generating Unit	Continuously operate the SCR at all times unit is in operation consistent with technological limitations, manufacturers' specifications and good engineering and maintenance practices for the SCR for minimizing emissions to the extent practicable.	Records maintained.	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous

EU02 (Unit 2)	Section B 7 c	Electric Generating Unit	Continuously operate the WFGD at all times the emission unit is in operation consistent with the technological limitations, manufacturers' specifications and good engineering and maintenance practices for the WFGD for minimizing emissions to the extent practicable.	Records maintained.	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 7 d	Electric Generating Unit	Operate low NOX burners and over-fire air at all times emission unit is in operation.	Records maintained.	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 7 e	Electric Generating Unit	Continuously operate ESP to maximize PM emission reductions consistent with manufacturers' specifications, operational design and maintenance limitations of the emission unit and good engineering practices. Comply with required minimum practices.	Records maintained.	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous

EU02 (Unit 2)	Section B 7 f	Electric Generating Unit	Records regarding the maintenance of the control equipment shall be maintained.	Records maintained.	Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 7 g	Electric Generating Unit	Implement the technology specified in the Kentucky BART SIP by utilizing the ESP/WFGD control train.	Records maintained.	Proper Operation and Maintenance of Equipment Recordkeeping Method - Continuous
EU02 (Unit 2)	Section B 7 h	Electric Generating Unit	See Section E.	N/A	See Section E below
EU08 (Unit 3)	Section B 1 a	Electric Generating Unit	Install control devices required to meet BACT	Records maintained.	Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 1 b	Electric Generating Unit	Tire derived fuel shall not be burned in excess of 10% of coal fuel by weight	<10% Refer to semiannual report	Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 1 c	Electric Generating Unit	Comply with applicable operating limits in 40 CFR 63, Subpart UUUUU.	Records maintained.	Monitoring and Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 2 a (1)	Electric Generating Unit	Particulate emissions shall not exceed 0.015 lb/MMBtu heat input based on a 3-hr average	0.006 lb/MMBtu PM test conducted on 10/24/18. Refer to test results.	Stack Testing Method - Intermittent
EU08 (Unit 3)	Section B 2 a (2)	Electric Generating Unit	Particulate emissions shall not exceed 0.03 lb/MMBtu heat input based on daily average.	0.006 lb/MMBtu PM test conducted on 10/24/18. Refer to test results.	Stack Testing Method - Intermittent
EU08 (Unit 3)	Section B 2 b	Electric Generating Unit	Emissions shall not exceed 20% opacity except for one 6-minute period per hour of not more than 27% opacity.	0% Records maintained.	Method 9 Method - Intermittent

EU08 (Unit 3)	Section B 2 c (1)	Electric Generating Unit	SO2 emissions shall not exceed 0.20 lb/MMBtu on a 24 hour block average	< 0.20 lb/MMBtu Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU08 (Unit 3)	Section B 2 c (2)-(5)	Electric Generating Unit	SO2 emissions shall not exceed 1.20 lb/MMBtu and 90% reduction of potential combustion concentration OR 70% reduction of the potential combustion concentration when emissions are less than 0.60 lb/MMBtu; OR 1.4 lb/MWh gross energy output; OR 0.15 lb/MMBtu heat input.	< 1.4 lb/MWh Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU08 (Unit 3)	Section B 2 d (1)	Electric Generating Unit	NOx emissions shall not exceed 0.07 lb/MMBtu while above 70% load (210 MWg) on a 30-day rolling average excluding startup, shutdown, and malfunction).	< 0.07 lb/MMBtu Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU08 (Unit 3)	Section B 2 d (2)	Electric Generating Unit	NOx emissions shall not exceed 0.09 lb/MMBtu on a 30-day rolling average, excluding startup, shutdown, and malfunction.	< 0.09 lb/MMBtu Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous

EU08 (Unit 3)	Section B 2 d (3)	Electric Generating Unit	NOx emissions shall not exceed 225 lb/hour on a 30-day rolling average, excluding startup, shutdown, and malfunction.	< 225 lb/hr Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU08 (Unit 3)	Section B 2 d (4)	Electric Generating Unit	NOx emissions shall not exceed 1.6 lb/MWh gross energy output on a 30-boiler operating day rolling average basis.	< 1.6 lb/MWh Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU08 (Unit 3)	Section B 2 e	Electric Generating Unit	CO emissions shall not exceed 0.15 lb/MMBtu on a 30-day rolling average.	< 0.15 lb/MMBtu Refer to quarterly and semiannual reports.	Stack Testing, Certified CEMS Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 e	Electric Generating Unit	VOC emissions shall not exceed 0.0036 lb/MMBtu on a 30-day rolling average.	0.0010 lb/MMBtu Testing conducted on 10/31/18. Refer to test results.	Testing and Correlation Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 e	Electric Generating Unit	Mercury emissions shall not exceed 0.00000265 lb/MMBtu on a quarterly basis.	0.000000137 lb/MMBtu Testing conducted on 10/31/18 - 11/1/18. Refer to test results.	Testing and Correlation Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 e	Electric Generating Unit	Fluoride emissions shall not exceed 0.0000466 lb/MMBtu on a 30-day rolling average.	<0.000025 lb/MMBtu Testing conducted on 10/31/18. Refer to test results.	Testing and Correlation Method - Continuous and Intermittent

EU08 (Unit 3)	Section B 2 e	Electric Generating Unit	Lead emissions shall not exceed 0.0000063 lb/MMBtu on a quarterly basis.	0.000000992 lb/MMBtu Testing conducted on 10/31/18 - 11/1/18. Refer to test results.	Testing and Correlation Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 e	Electric Generating Unit	Beryllium emissions shall not exceed 0.0000146 lb/MMBtu on a quarterly basis.	0.0000000962 lb/MMBtu Testing conducted on 10/31/18 - 11/1/18. Refer to test results.	Testing and Correlation Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 e	Electric Generating Unit	Sulfuric Acid Mist emissions shall not exceed 0.005 lb/MMbtu on a 30-day rolling average.	0.00002 lb/MMBtu Testing conducted on 10/30/18. Refer to test results.	Testing, Monitoring, and Certified CEMS Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 f	Electric Generating Unit	Emissions shall not exceed the case-by-case MACT limits for the HAP listed in the permit until the compliance date under 40 CFR 63, Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.

EU08 (Unit 3)	Section B 2 g	Electric Generating Unit	The limits on PM emissions, opacity, SO2 emissions and NOx emissions under 40 CFR 60 Subpart Da apply at all times except during startup, shutdown, and malfunction. Compliance with applicable 30-boiler operating day rolling average SO2 and NOx emissions limits determined by calculating arithmetic average of all hourly emission rates for the 30 successive boiler operating days except data during startup, shutdown, and malfunction.	Refer to the quarterly and semiannual reports.	COMS, Certified CEMS, Calculations and Recordkeeping Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 h	Electric Generating Unit	Compliance with applicable SO2 emissions limit and percent reduction requirements and NOx emissions limit under 40 CFR 60 Subpart Da is based on average emission rate for 30 successive boiler operating days.	Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous

EU08 (Unit 3)	Section B 2 i	Electric Generating Unit	The numeric PM, SO2, CO, VOC, mercury, fluoride, lead, beryllium and sulfuric acid mist emissions limits under 401 KAR 51:017 apply at all times except during startup, shutdown, and malfunction.	Refer to quarterly and semiannual reports.	Certified CEMS, Testing, Correlation and Reporting Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 i (1)	Electric Generating Unit	Startup is defined as beginning with the ignition of fuel oil and ending when the boiler has reached a minimal sustainable load for 1 hour of 200 MWg firing coal. Shutdown is defined as when the load decreases from 200 MWG either to generator desynchronization or to fuel feed stopped. After startup is complete, it is possible to operate the unit below 200 MWg down to approximately 150 MWg without being in shutdown mode.	N/A	N/A

EU08 (Unit 3)	Section B 2 i (2)	Electric Generating Unit	Utilize good work and maintenance practices and manufacturers' recommendations to minimize emissions during and the frequency of startup and shutdown events. Submit current copy of Startup and Shutdown Plan within 60 days of issuance of renewal permit and comply with work practice standards in Startup and Shutdown Plan.	Refer to the quarterly reports and records maintained. The Startup/Shutdown Plan was submitted on 6/9/16.	Work Practices, Recordkeeping and Reporting Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 2 j	Electric Generating Unit	Comply with applicable emission limits in 40 CFR 63, Subpart UUUUU.	HCl: < 0.020 lb/MWh PM: < 0.030 lb/MMBtu Hg: < 1.2 lb/TBtu Refer to quarterly and semiannual reports	Quarterly Stack Testing, Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous and Intermittent

EU08 (Unit 3)	Section B 3 a	Electric Generating Unit	Submit schedule within 6 months from the permit issuance date to conduct a performance test within 1 year of permit issuance to demonstrate compliance with emissions standards and re-establish correlations between opacity and particulate matter, CO and VOC, H2SO4 with limestone injection rate and SO2 CEMS readings.	N/A	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 3 a (1)	Electric Generating Unit	Conduct testing in accordance with 401 KAR 50:045 and 40 CFR 64.4(c)(1) and under representative conditions.	Testing conducted 10/24/18 - 11/1/18 & 7/11/19. Refer to test results.	Testing Method - Intermittent
EU08 (Unit 3)	Section B 3 (a) (2)	Electric Generating Unit	The permittee shall conduct a performance test by the start of the fourth year to demonstrate compliance and re-establish correlations between opacity and PM, CO and VOC, and H2SO4 and SO2.	Testing conducted 10/24/18 - 11/1/18 & 7/11/19. Refer to test results.	Testing Method - Intermittent

EU08 (Unit 3)	Section B 3 a (3)	Electric Generating Unit	In conducting performance tests required in 40 CFR 60.8, use the reference methods and procedures in Appendix A of 40 CFR, Part 60 or as specified in 40 CFR 60.50Da except as otherwise specified in 60.8(b). Acceptable alternative methods are given in 40 CFR 60.50Da(e).	Testing conducted 10/24/18 - 11/1/18 & 7/11/19. Refer to test results.	Testing Method - Intermittent
EU08 (Unit 3)	Section B 3 a (4)	Electric Generating Unit	Until the compliance date under 40 CFR 63, Subpart UUUUU, the permittee shall demonstrate compliance using the listed test methods for VOC, Hg, HCl, HF, Be, Pb, Metal HAPs.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.
EU08 (Unit 3)	Section B 3 a (5)	Electric Generating Unit	Perform initial testing for SAM to establish correlation with SO2 emission readings and the limestone injection rate to SAM emissions.	Testing conducted 10/30/18. Refer to test results.	Testing Method - Intermittent

EU08 (Unit 3)	Section B 3 b	Electric Generating Unit	Initial performance testing is required to demonstrate compliance with applicable emission limits in 40 CFR 63, Subpart UUUUU by October 13, 2015. May include traditional stack tests or continuous monitoring systems or both.	N/A	Stack Testing, Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 3 c	Electric Generating Unit	See Section D	N/A	See Section D below
EU08 (Unit 3)	Section B 4 a	Electric Generating Unit	Install, calibrate, maintain and operate a COMS and record the output.	Refer to the quarterly and semiannual reports. Records maintained.	Certified COM Method - Continuous
EU08 (Unit 3)	Section B 4 b	Electric Generating Unit	If opacity indicator level exceeded, inspect COMs and/or control equipment and make any necessary repairs. If 5% or greater of COM data recorded in a calendar quarter exceed opacity indicator level, conduct a stack test the following calendar quarter.	Refer to the quarterly and semiannual reports. Records maintained.	Certified COMS and Recordkeeping Method - Continuous

EU08 (Unit 3)	Section B 4 c	Electric Generating Unit	Install, calibrate, maintain and operate a CEMS to measure SO2 emissions as specified in 40 CFR 60.49Da(b).	Refer to quarterly and semiannual reports. Records maintained.	Certified CEMS and Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 4 d	Electric Generating Unit	Install, calibrate, maintain and operate a CEMS to measure NOx emissions as specified in 40 CFR 60.49Da(b).	Refer to quarterly and semiannual reports. Records maintained.	Certified CEMS and Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 4 e	Electric Generating Unit	Install, calibrate, maintain and operate a CEMS for measuring O2 or CO2.	Refer to quarterly and semiannual reports. Records maintained.	Certified CEMS and Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 4 f	Electric Generating Unit	Install, calibrate, maintain and operate a CO CEMS.	Refer to quarterly and semiannual reports. Records maintained.	Certified CEMS Method - Continuous
EU08 (Unit 3)	Section B 4 g	Electric Generating Unit	Monitoring to assure compliance with the case-by-case MACT determination until the compliance date under 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.
EU08 (Unit 3)	Section B 4 h	Electric Generating Unit	Monitoring grab samples of fuel as fired to demonstrate compliance with emission limits for HAPS until compliance date under 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.

EU08 (Unit 3)	Section B 4 i	Electric Generating Unit	For SAM, utilize SO2 CEMS and monitor the rate of limestone injection in conjunction with initial source test to establish excursion levels	Refer to the quarterly and semiannual reports	Certified CEMS, Monitoring and Correlation Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 4 j	Electric Generating Unit	CEMS under 40 CFR 60.49Da (SO2, NOx, O2 or CO2) shall be operated and data recorded at all periods of operation including during startup, shutdown, and malfunction except for CEMS breakdowns, repairs, calibration checks and zero and span adjustments.	Refer to the quarterly and semiannual reports	Certified CEMS, Monitoring and Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 4 k	Electric Generating Unit	Obtain emission data for at least 18 hours in at least 22 out of 30 successive boiler operating days. If minimum data requirement not met with CEMS, supplement pursuant to the permit	Refer to semiannual report.	Monitoring Method - Intermittent and Continuous

EU08 (Unit 3)	Section B 4 l	Electric Generating Unit	To demonstrate compliance with an output-based standard, use the procedures specified in 40 CFR 60.49Da(k)(1)-(3) and 60.49(l).	Refer to the semiannual reports.	Monitoring Method - Continuous
EU08 (Unit 3)	Section B 4 m	Electric Generating Unit	Prepare and submit a unit specific monitoring plan for each monitoring system 45 days before commencing certification testing of the system and comply with the plan requirements.	Refer to plans submitted to the Division. Records maintained.	Recordkeeping and Reporting Method - Continuous and Intermittent

EU08 (Unit 3)	Section B 4 n	Electric Generating Unit	If elect to demonstrate compliance with output based emissions limit under 40 CFR 60.42Da, either install a PM CEMS according to 40 CFR 60.49Da(v) requirements or install a PM CPMS according to the requirements for new facilities in 40 CFR 63 Subpart UUUUU. If elect to demonstrate compliance with input based emissions limit in 40 CFR 60.42Da may install a PM CEMS.	Testing conducted on 10/24/18. Refer to test results.	Testing Method - Intermittent
EU08 (Unit 3)	Section B 4 o	Electric Generating Unit	Install, certify, operate, and maintain CEMS according to 40 CFR 60.49Da(w)(1)-(5).	Refer to the quarterly and semiannual report	Recordkeeping and Monitoring Method - Continuous
EU08 (Unit 3)	Section B 4 p	Electric Generating Unit	Monitor and record the TDF tonnage and 10% tire to coal ratio on a monthly basis	Refer to the semiannual report.	Recordkeeping and Monitoring Method - Continuous

EU08 (Unit 3)	Section B 4 q	Electric Generating Unit	Monitor the time between ignition and the time minimum sustainable load of 200 MWg for one hour is achieved.	Refer to the quarterly report.	Recordkeeping and Monitoring Method - Continuous
EU08 (Unit 3)	Section B 4 r	Electric Generating Unit	After the initial compliance test, continuing compliance shall be determined by CEMS for opacity, NOx, SO2 and CO. Ongoing compliance with emission standards for beryllium and the applicable HAPS shall be based on quarterly fuel analysis and calculations using established baseline factors except that this monitoring requirement is superseded by 40 CFR Part 63 Subpart UUUUU when applicable. Emission limits established by BACT shall still be monitored in accordance with	Refer to the quarterly and semiannual reports.	Certified CEMS, Fuel Analyses and Correlation Method - Continuous and Intermittent

EU08 (Unit 3)	Section B 4 s	Electric Generating Unit	No later than April 16, 2015, the permittee shall demonstrate continuous compliance with each applicable emissions limit, operating limit, and work practice standard in 40 CFR 63, Subpart UUUUU according to the monitoring requirements specified in Tables 6 and 7.	Refer to the quarterly and semiannual reports.	Monitoring, Testing and Recordkeeping Method - Continuous and Intermittent
EU08 (Unit 3)	Section B 5 a	Electric Generating Unit	Maintain file of all measurements including monitoring system; device and performance testing; all continuous monitoring system performance evaluations; calibration checks; adjustments and maintenance performed.	Records maintained.	Recordkeeping Method - Continuous

EU08 (Unit 3)	Section B 5 b	Electric Generating Unit	Comply with recordkeeping requirements in 401 KAR 52:020 Section 10. Maintain records of monitoring data, monitor performance data, corrective actions, any written quality improvement plan and actions to implement the plan, and other supporting information required by 40 CFR Part 64.	Records maintained.	Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 5 c	Electric Generating Unit	Maintain records of the occurrence and duration of any startup, shutdown or malfunction of facility operation or air pollution control equipment, and any period during which a monitoring system or device is inoperative.	Records maintained.	Recordkeeping Method - Continuous

EU08 (Unit 3)	Section B 5 d	Electric Generating Unit	Compute and record percentage of COM data (excluding startup, shutdown, and malfunction data) showing excursions above opacity trigger level in each calendar quarter. Record any corrective actions.	Records maintained.	Calculation and Recordkeeping Method - Intermittent and Continuous
EU08 (Unit 3)	Section B 5 e	Electric Generating Unit	Record the required data and information associated with the case-by-case MACT until the compliance date under 40 CFR 63, Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.
EU08 (Unit 3)	Section B 5 f	Electric Generating Unit	Record on a daily basis the TDF usage for fuel and coal fuel/weight ratio	Records maintained.	Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 5 g	Electric Generating Unit	Record the time of ignition and the time minimum sustainable load of 200 MWg for 1-hour is achieved and calculate and record the elapsed time between the two.	Refer to the quarterly reports. Records maintained.	Recordkeeping Method - Continuous and Intermittent

EU08 (Unit 3)	Section B 5 h	Electric Generating Unit	Record the limestone injection rates and the SO2 CEMS data.	Records maintained.	Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 5 i	Electric Generating Unit	For each performance test conducted using Reference Method 9, keep records of observations, certification of observer, and field data sheets.	Records maintained.	Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 5 j	Electric Generating Unit	No later than April 16, 2015, keep records required by 40 CFR 63.10032 and 40 CFR 63.10033.	Records maintained.	Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 6 a	Electric Generating Unit	For SO2, NOx and PM, performance test data from the initial and subsequent performance tests and from the performance evaluation of the continuous monitors shall be reported.	All performance tests were submitted to the Division in the appropriate timeframe.	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 6 b	Electric Generating Unit	Report the required information for SO2 and NOx for each 24-hour period.	Refer to the semiannual reports.	Reporting Method - Intermittent

EU08 (Unit 3)	Section B 6 c	Electric Generating Unit	If minimum quantity of emission data is not obtained for any 30 successive boiler operating days, report the required information for that 30-day period.	Refer to the semiannual reports.	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 6 d	Electric Generating Unit	For any period for which opacity, SO2 or NOx emissions data are not available, submit a signed statement indicating if any changes were made in operation of the emission control system during the period of data unavailability.	Refer to the semiannual reports.	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 6 e	Electric Generating Unit	Submit a signed statement providing the information in 40 CFR 60.51Da(h).	Refer to the semiannual reports.	Reporting Method - Intermittent

EU08 (Unit 3)	Section B 6 f	Electric Generating Unit	Periods of excess emissions are defined as all 6-minute periods during which the average opacity exceeds the applicable opacity standards under 40 CFR 60.42Da(b). Report excess emissions quarterly.	Refer to the quarterly reports.	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 6 g	Electric Generating Unit	Submit written reports required under 40 CFR 60, Subpart Da and 40 CFR 60, Subpart A semiannually for each 6-month period.	Refer to the semiannual reports.	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 6 h	Electric Generating Unit	May submit electronic quarterly reports for SO2, NOx, and Opacity in lieu of submitting the written reports required under paragraphs 40 CFR 60.51Da(b) and (j).	Refer to quarterly reports.	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 6 i	Electric Generating Unit	Monitoring reports under 40 CFR Part 64 shall contain the required information.	Refer to the quarterly reports.	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 6 j	Electric Generating Unit	Report the required information for startup and shutdown events.	Refer to the quarterly reports.	Reporting Method - Intermittent

EU08 (Unit 3)	Section B 6 k	Electric Generating Unit	Utilize the limestone injection rate, SO2 CEMS data and correlation to calculate and report SAM emissions quarterly	Refer to the quarterly and semiannual reports.	Reporting and Correlation Method - Intermittent
EU08 (Unit 3)	Section B 6 l	Electric Generating Unit	The permittee shall meet the notification and reporting requirements in 40 CFR 63.10030 and 63.10031.	Refer to semiannual reports and notifications sent to the Division.	Reporting Method - Intermittent
EU08 (Unit 3)	Section B 7 a	Electric Generating Unit	Operate CFB, baghouse, SNCR, and dry lime scrubber to maintain compliance with permit emission limitations consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 7 b	Electric Generating Unit	Maintain records of control equipment maintenance.	Records maintained	Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 7 c	Electric Generating Unit	See Section E.	N/A	See Section E below
EU08 (Unit 3)	Section B 7 d	Electric Generating Unit	Requirement to operate listed control technology to meet the case-by-case MACT emission limits until the compliance date of 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.	N/A - Superseded by 40 CFR 63 Subpart UUUUU.

EU08 (Unit 3)	Section B 7 e	Electric Generating Unit	Monitor SO2 using CEMS to assure proper operation of dry lime scrubber.	Records maintained. Refer to quarterly and semiannual reports.	Monitoring and Recordkeeping Method - Continuous
EU08 (Unit 3)	Section B 7 f	Electric Generating Unit	Opacity shall be maintained to less then 20% to assure proper operation of baghouse.	Records maintained. Refer to quarterly and semiannual reports.	Monitoring and Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 1 a	Electric Generating Unit	Install and utilize specified control devices required to meet BACT; only ASTM Grade No. 2 fuel oil with sulfur content not to exceed 15 ppm to be used for startup and stabilization; Tire derived fuel shall not exceed 10% coal fuel by weight ratio.	Records maintained	Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 1 b	Electric Generating Unit	Meet the work practice standards at Table 3 to 40 CFR Part 63, Subpart UUUUU during periods of startup and shutdown.	Records maintained	Work Practices and Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 2 a (1)	Electric Generating Unit	PM emissions shall not exceed 0.009 lb/MMBtu (filterable) based on a 30-day rolling average from the PM CEMS.	< 0.009 lb/MMBtu Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous

EU17 (Unit 4)	Section B 2 a (2)	Electric Generating Unit	PM emissions shall not exceed 0.012 lb/MMBtu (filterable and condensable PM/PM10) based on a 3-hour performance test.	0.009 lb/MMBtu Test conducted on 4/28/16. Refer to test results.	Testing Method - Intermittent
EU17 (Unit 4)	Section B 2 a (3)	Electric Generating Unit	PM emissions shall not exceed 84 lb/hr (PM10) on a 24-hour block average.	< 84 lb/hr Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 a (4)	Electric Generating Unit	PM emissions shall not exceed 0.14 lb/MWh gross energy output OR 0.015 lb/MMBtu heat input.	< 0.015 lb/MMBtu Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 b (1)	Electric Generating Unit	SO2 emissions shall not exceed 0.15 lb/MMBtu on a 24-hr block average.	< 0.15 lb/MMBtu Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 b (2)	Electric Generating Unit	SO2 emissions shall not exceed 504 lb/hour based on a 24-hour block average.	< 504 lb/hr Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 b (3)	Electric Generating Unit	SO2 emissions shall not exceed 1.4 lb/MWh gross energy output or 5% of the potential combustion concentration (95% reduction) based on a 30-day rolling average.	< 1.4 lb/MWh Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous

EU17 (Unit 4)	Section B 2 c (1)	Electric Generating Unit	CO emissions shall not exceed 0.10 lb/MMBtu on a 30-day rolling average.	< 0.10 lb/MMBtu Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 c (2)	Electric Generating Unit	CO emissions shall not exceed 420 lb/hr on an 8-hr block average.	< 420 lb/hr Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 d (1)	Electric Generating Unit	NOx emissions shall not exceed 0.07 lb/MMBtu on a 30-day rolling average.	< 0.07 lb/MMBtu Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 d (2)	Electric Generating Unit	NOx emissions shall not exceed 280 lb/hr based on a 30-day block average.	< 280 lb/hr Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 d (3)	Electric Generating Unit	NOx emissions shall not exceed 1.0 lb/MWh gross energy output as determined on a 30-boiler operating day rolling average basis.	< 1.0 lb/MWh Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 e (1)	Electric Generating Unit	VOC emissions shall not exceed 0.002 lb/MMBtu on a 3-hr rolling average.	<0.002 lb/MMBtu Refer to the quarterly and semiannual reports.	Certified CO CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 e (2)	Electric Generating Unit	VOC emissions shall not exceed 6 lb/hr on a 3-hr block average.	<6 lb/hr Refer to the quarterly and semiannual reports.	Certified CO CEMS Method - Continuous

EU17 (Unit 4)	Section B 2 f (1)	Electric Generating Unit	Fluoride emissions shall not exceed 0.000047 lb/MMBtu on a 3-hr rolling average.	0.000014 lb/MMBtu Records maintained	Testing and Fuel Correlation Method - Intermittent
EU17 (Unit 4)	Section B 2 f (2)	Electric Generating Unit	Fluoride emissions shall not exceed 1.32 lb/hr on a 3-hr block average.	0.034 lb/hr Records maintained	Testing and Fuel Correlation Method - Intermittent
EU17 (Unit 4)	Section B 2 g (1)	Electric Generating Unit	SAM emissions shall not exceed 0.005 lb/MMBtu on a 3-hr rolling average.	< 0.005 lb/MMBtu Refer to the semiannual reports.	Testing and Correlation to SO2 and Limestone Injection Rate Method - Continuous and Intermittent
EU17 (Unit 4)	Section B 2 g (2)	Electric Generating Unit	SAM emissions shall not exceed 14 lb/hr on a 3-hr block average.	< 14 lb/hr Refer to the semiannual reports.	Testing and Correlation to SO2 and Limestone Injection Rate Method - Continuous and Intermittent
EU17 (Unit 4)	Section B 2 h	Electric Generating Unit	HAP emissions shall not exceed the limits specified in the permit except during startup and shutdown, as demonstrated through quarterly performance testing or based on a 30-boiler operating day rolling average.	PM: < 0.030 lb/MMBtu Hg: < 1.2 lb/TBtu HCl: < 0.020 lb/MWh Refer to quarterly, semiannual, and stack tests reports submitted to the Division.	Stack Testing, Certified CEMS, Appendix K Sorbent Trap Monitoring System Method - Continuous and Intermittent

EU17 (Unit 4)	Section B 2 i	Electric Generating Unit	Meet applicable PM emissions limit under 40 CFR 60.42Da, SO2 emissions limit under 40 CFR 60.43Da, and NOx emissions limit under 40 CFR 60.44Da at all times except during periods of startup, shutdown, or malfunction.	Refer to the quarterly and semiannual reports	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 j	Electric Generating Unit	Compliance with applicable SO2 emissions limit and percent reduction requirements and NOx emissions limit under 40 CFR 60 Subpart Da is based on average emission rate for 30 successive boiler operating days.	Refer to the quarterly and semiannual reports	Certified CEMS Method - Continuous

EU17 (Unit 4)	Section B 2 k	Electric Generating Unit	Compliance with applicable 30-boiler operating day average SO2 and NOx emissions limits is determined by calculating the arithmetic average for all hourly emission rates for SO2 and NOx for the 30 successive boiler operating days, except for data obtained during startup, shutdown, and malfunction.	Refer to the quarterly and semiannual reports	Calculation and Certified CEMS Method - Continuous and Intermittent
EU17 (Unit 4)	Section B 2 l	Electric Generating Unit	Compliance with applicable SO2 percentage reduction requirements is determined based on the average inlet and outlet SO2 emission rates for the 30 successive boiler operating days.	N/A	N/A

EU17 (Unit 4)	Section B 2 m	Electric Generating Unit	Compliance with applicable daily average PM emissions limit is determined by calculating the arithmetic average of all hourly emission rates each boiler operating day, except for data obtained during startup, shutdown, and malfunction. Daily averages shall be calculated for boiler operating days that have out-of-control periods totaling no more than 6 hours of unit operation during which the standard applies.	Records maintained.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 2 n	Electric Generating Unit	If permittee has not obtained the minimum quantity of emission data required under 40 CFR 60.49Da, refer to Method 19 of Appendix A of 40 CFR Part 60.	Records maintained	Recordkeeping Method - Continuous

EU17 (Unit 4)	Section B 2 o	Electric Generating Unit	Numeric emission limits for PM, SO2, CO, NOx, VOC, fluoride, and sulfuric acid mist under 401 KAR 51:017 apply at all times except during startup, shutdown, and malfunction.	Records maintained	Certified CEMS, Testing, Correlation and Reporting Method - Continuous and Intermittent
EU17 (Unit 4)	Section B 2 o (1)	Electric Generating Unit	Startup is defined as beginning with the ignition of fuel oil and ending when the boiler has reached a minimal sustainable load for 1 hour of 200 MWg firing coal. Shutdown is defined as when the load decreases from 200 MWg either to generator desynchronization or to fuel feed stopped. After startup is complete, it is possible to operate the unit below 200 MWg down to approximately 150 MWg without being in shutdown mode.	N/A	N/A

EU17 (Unit 4)	Section B 2 o (2)	Electric Generating Unit	Utilize good work and maintenance practices and manufacturers' recommendations to minimize emissions during and the frequency of startup and shutdown events. Submit current copy of Startup and Shutdown Plan within 60 days of issuance of renewal permit and comply with work practice standards in Startup and Shutdown Plan.	Refer to the quarterly reports and records maintained. Startup and Shutdown plan was submitted on 6/9/16.	Work Practices, Recordkeeping and Reporting Method - Continuous and Intermittent
EU17 (Unit 4)	Section B 3 a	Electric Generating Unit	Conduct the performance tests required in 40 CFR 60.8 using the reference methods and procedures in Appendix A of 60.8 or as specified in 40 CFR 60.50Da, except as provided in 40 CFR 60.8(b). Acceptable alternative methods are given in 40 CFR 60.50Da(e).	N/A	Testing Method - Intermittent

EU17 (Unit 4)	Section B 3 b	Electric Generating Unit	During initial compliance test, sample fuel “as fired” to determine fluoride content and establish a correlation to emissions.	Records maintained.	Testing and Correlation Method - Intermittent
EU17 (Unit 4)	Section B 3 c	Electric Generating Unit	Conduct performance testing to demonstrate initial compliance with the applicable HAP emission limits.	N/A	Stack Testing, Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous and Intermittent
EU17 (Unit 4)	Section B 3 c (1)	Electric Generating Unit	If demonstrating initial compliance by using a CEMS or sorbent trap monitoring system, the initial performance test consists of 30 boiler operating days of data collected by April 16, 2013 and the CEMS or sorbent trap monitoring systems must meet the applicable requirements of 40 CFR 63.10005(d).	N/A	Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous

EU17 (Unit 4)	Section B 3 c (2)	Electric Generating Unit	If demonstrating initial compliance by performance testing, follow the applicable procedures in 40 CFR 63.10005 and 40 CFR 63.10007 and demonstrate compliance within 180 days of April 16, 2013.	N/A	Testing Method - Intermittent
EU17 (Unit 4)	Section B 3 c (3)	Electric Generating Unit	Conduct a performance tune-up according to 40 CFR 63.10021(e) as part of the initial compliance demonstration.	N/A	Work Practices and Recordkeeping Method - Intermittent and Continuous
EU17 (Unit 4)	Section B 3 c (4)	Electric Generating Unit	Provide notifications as specified in 40 CFR 63.10030(d) and (e).	Refer to notifications submitted to the Division	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 3 c (5)	Electric Generating Unit	If using a PM CPMS, establish the PM CPMS operating limit during initial or subsequent performance testing pursuant to 40 CFR 63.10023.	N/A	N/A
EU17 (Unit 4)	Section B 3 d	Electric Generating Unit	Conduct subsequent performance testing for compliance with HAP emission limits pursuant to 40 CFR 63.10006, 40 CFR 63.10007, and 40 CFR	Refer to semiannual report and performance tests submitted to the Division.	Quarterly Stack Testing, Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous and Intermittent

EU17 (Unit 4)	Section B 3 d (1)	Electric Generating Unit	If using CEMS or sorbent trap monitoring, demonstrate continuous compliance by using all required data.	Records maintained.	Certified CEMS and Appendix K Sorbent Trap Monitoring System Method - Continuous
EU17 (Unit 4)	Section B 3 d (2)	Electric Generating Unit	If CEMS or sorbent trap monitoring is not used or the unit qualifies as a low emitting EGO, subsequent performance testing shall be performed in accordance with 40 CFR 63.10000, 40 CFR 63.10006, and 40 CFR 63.10007.	Test conducted on 12/13/2022. Achieved LEE status on 1/31/17. Refer to notification submitted to the Division on 6/2/17.	Testing Method - Intermittent
EU17 (Unit 4)	Section B 3 d (3)	Electric Generating Unit	Provide notifications of performance testing as specified in 40 CFR	Refer to notifications submitted and records maintained.	Recordkeeping and Reporting Method - Intermittent and Continuous
EU17 (Unit 4)	Section B 3 e	Electric Generating Unit	See Section D.	N/A	See Section D below
EU17 (Unit 4)	Section B 4 a	Electric Generating Unit	Install, certify, operate, and maintain the PM CEMS as specified in 40 CFR 60.48Da(p), 40 CFR 60.49Da(t), and CFR 60.49 Da(v).	Refer to the quarterly and semiannual reports	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 4 b (1)	Electric Generating Unit	Install, certify, maintain and operate a SO2 CEMS and record the output as specified in 40 CFR 60.49Da.	Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous

EU17 (Unit 4)	Section B 4 b (2)	Electric Generating Unit	An SO2 CEMS meeting specified requirements of 40 CFR Part 75 can be used to meet the requirements of 40 CFR 60.49Da if specified requirements are met.	Refer to the quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 4 c (1)	Electric Generating Unit	Install, certify, maintain and operate a NOx CEMS and record the output as specified in 40 CFR 60.49Da.	Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 4 c (2)	Electric Generating Unit	If using a NOx CEMS to meet the requirements of 40 CFR Part 75 and meet the ongoing requirements of 40 CFR Part 75, this CEMS can be used to meet the requirements of 40 CFR 60.49Da(c) as long as the requirements of 40 CFR 60.51Da are met.	Refer to quarterly and semiannual reports.	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 4 d	Electric Generating Unit	Operate and maintain a CO CEMS.	Refer to the quarterly and semiannual reports	Certified CEMS Method - Continuous

EU17 (Unit 4)	Section B 4 e	Electric Generating Unit	Install, calibrate, maintain, and operate a CEMS and record the output of the system, for measuring the O2 or CO2 content of flue gases at each location where SO2 or NOx emissions are monitored.	Refer to the quarterly and semiannual reports	Certified CEMS Method - Continuous
EU17 (Unit 4)	Section B 4 f	Electric Generating Unit	CEMS under 40 CFR 60.49Da (SO2, NOx, O2 or CO2) shall be operated and data recorded during all periods of operation including during startup, shutdown, and malfunction except for CEMS breakdowns, repairs, calibration checks and zero and span adjustments.	Refer to the quarterly and semiannual reports.	Monitoring and Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 4 g	Electric Generating Unit	Obtain emission data for at least 90% of all operating hours for each 30 successive boiler operating days.	Refer to the semiannual reports. Records maintained.	Monitoring and Recordkeeping Method - Continuous

EU17 (Unit 4)	Section B 4 h	Electric Generating Unit	Express the 1-hour averages required under 40 CFR 60.13(h) in ng/J (lb/MMBtu) heat input and use them to calculate the average emission rates under 40 CFR 60.48Da.	Refer to the semiannual reports. Records maintained.	Monitoring and Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 4 i	Electric Generating Unit	Use reference methods and procedures as specified in 40 CFR 60.49Da(h) or (j) when it becomes necessary to supplement CEMS data to meet the minimum data requirements in 40 CFR 60.49Da(f).	Refer to the semiannual reports. Records maintained.	Monitoring and Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 4 j	Electric Generating Unit	Use procedures specified in 40 CFR 60.49Da(k) to determine gross energy output when demonstrating compliance with an output-based standard.	Refer to the quarterly and semiannual reports.	Monitoring and Recordkeeping Method - Continuous

EU17 (Unit 4)	Section B 4 k	Electric Generating Unit	If demonstrating compliance with an output-based standard, install, certify, operate, and maintain a continuous flow monitoring system meeting the specified 40 CFR 60 requirements.	N/A - Part 75 Certified	N/A - Part 75 Certified
EU17 (Unit 4)	Section B 4 l	Electric Generating Unit	Alternatively, data from continuous flow monitoring system certified according to the specified requirements of 40 CFR 75 may be used.	Refer to the semiannual reports.	Monitoring and Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 4 m	Electric Generating Unit	Prepare and submit a unit specific monitoring plan for each monitoring system 45 days before commencing certification testing of the system and comply with the plan requirements.	Refer to plans submitted to the Division.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 4 n	Electric Generating Unit	Monitor and record fuel usage including the TDF tonnage and 10% tire to coal ratio on a daily basis.	Refer to the semiannual reports. Records maintained	Monitoring and Recordkeeping Method - Continuous

EU17 (Unit 4)	Section B 4 o	Electric Generating Unit	For SAM emissions, the permittee shall monitor the rate of limestone injection in conjunction with the initial source tests to establish excursion and exceedance levels.	Refer to the semiannual reports.	Monitoring Method - Continuous and Intermittent
EU17 (Unit 4)	Section B 4 p	Electric Generating Unit	Monitor time between ignition and the time minimum sustainable load of 200 MWg for 1-hour is achieved.	Refer to the quarterly reports.	Monitoring and Recordkeeping Method - Continuous and Intermittent
EU17 (Unit 4)	Section B 4 q	Electric Generating Unit	Continuous monitoring systems used to demonstrate compliance with the HAP emissions limits in 40 CFR Part 63 Subpart UUUUU must meet 40 CFR 63.10010 and 40 CFR 63.10020.	Refer to the quarterly and semiannual reports.	Monitoring Method - Continuous

EU17 (Unit 4)	Section B 5 a	Electric Generating Unit	Record and maintain file of all measurements including monitoring system; device and performance testing; continuous monitoring system performance evaluations; calibration checks; adjustments and maintenance performed.	Records maintained.	Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 5 b	Electric Generating Unit	Maintain records of monitoring data, monitor performance, corrective actions, any written quality improvement plan and any actions to implement, and any supporting information required to be retained under 40 CFR Part 64.	Records maintained.	Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 5 c	Electric Generating Unit	Maintain records of the occurrence and duration of any startup, shutdown or malfunction, and any period during which a monitoring system or device is inoperative.	Records maintained.	Recordkeeping Method - Continuous

EU17 (Unit 4)	Section B 5 d	Electric Generating Unit	Maintain the results of all compliance tests and record continuously (1) the SO2 emission rate at outlet of dry lime scrubber; (2) opacity and PM at outlet of baghouse; 3) CO emissions. Record fuel usage (tonnage) including the TDF tonnage and tire to coal ratio.	Records maintained	Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 5 e	Electric Generating Unit	Record the time of ignition and the time minimum sustainable load of 200 MWg for 1-hour is achieved and calculate and record the elapsed time between the two.	Refer to the quarterly reports. Records maintained.	Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 5 f	Electric Generating Unit	Maintain the records required by 40 CFR 63.10032 in accordance with 40 CFR	Records maintained.	Recordkeeping Method - Continuous

EU17 (Unit 4)	Section B 6 a	Electric Generating Unit	For SO2, NOx and PM, performance test data from the initial and subsequent performance tests and from the performance evaluation of the continuous monitors shall be reported.	Refer to semiannual reports and performance tests submitted to the Division.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 6 b	Electric Generating Unit	Report the required information for SO2 and NOx for each 24-hour period.	Refer to the semiannual reports.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 6 c	Electric Generating Unit	If minimum quantity of emission data is not obtained for any 30 successive boiler operating days report the required information for that 30-day period.	Refer to the semiannual reports.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 6 d	Electric Generating Unit	For any period for which SO2 or NOx emissions data are not available, submit a signed statement indicating if any changes were made in operation of the emission control system during the period of data unavailability.	Refer to the semiannual reports.	Reporting Method - Intermittent

EU17 (Unit 4)	Section B 6 e	Electric Generating Unit	Submit a signed statement providing the information in 40 CFR 60.51Da(h).	Refer to the semiannual reports.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 6 f	Electric Generating Unit	Submit written reports required under 40 CFR 60.51Da and 40 CFR 60, Subpart A to the Administrator semi-annually for each 6-month period.	Refer to the semiannual reports.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 6 g	Electric Generating Unit	Permittee may submit electronic quarterly reports for SO2 and NOx in lieu of written reports. Coordinate the format with the Division.	Refer to the quarterly reports.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 6 h	Electric Generating Unit	Monitoring reports under 40 CFR Part 64 shall contain the required information.	Refer to the quarterly and semiannual reports.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 6 i	Electric Generating Unit	Report the required information for startup and shutdown events.	Refer to quarterly reports.	Reporting Method - Intermittent

EU17 (Unit 4)	Section B 6 j	Electric Generating Unit	Submit compliance reports as specified in 40 CFR 63.10031(a)-(d) and (g) and the results of performance testing according to the requirements of 40 CFR 63.10031(f).	Refer to the semiannual reports and performance tests submitted to the Division.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 6 k	Electric Generating Unit	Maintain on-site and submit, if requested by the Division, an annual report documenting performance tune-ups conducted for 40 CFR 63 Subpart UUUUU.	Records maintained onsite.	Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 6 l	Electric Generating Unit	The permittee shall meet the notification and reporting requirements in 40 CFR 63.10030 and 40 CFR 63.10031.	Refer to semiannual reports and notifications submitted to the Division.	Reporting Method - Intermittent
EU17 (Unit 4)	Section B 7 a	Electric Generating Unit	Operate CFB, baghouse, SNCR, and dry lime scrubber to maintain compliance with permit emission limitations consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous

EU17 (Unit 4)	Section B 7 b	Electric Generating Unit	Maintain records of control equipment maintenance.	Records maintained	Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 7 c	Electric Generating Unit	See Section E.	N/A	See Section E below
EU17 (Unit 4)	Section B 7 d	Electric Generating Unit	Monitor SO2 using a CEMS to assure operation of dry lime scrubber.	Refer to quarterly and semiannual reports.	Monitoring and Recordkeeping Method - Continuous
EU17 (Unit 4)	Section B 7 e	Electric Generating Unit	Compliance with the PM limitation as measured by the PM-CEMS indicates proper operation of the baghouse.	Refer to quarterly and semiannual reports.	Monitoring and Recordkeeping Method - Continuous
4	Section B 2	Coal Handling Operations	Emissions shall be less than 20% opacity.	No emissions observed. Refer to the semiannual reports.	Visual Observations, EPA Method 9, Recordkeeping Method - Continuous and Intermittent
4	Section B 3	Coal Handling Operations	Conduct all performance tests required by 40 CFR 60.8 to demonstrate compliance with the applicable emission standards using the methods identified in 40 CFR 60.257.	N/A	EPA Method 9 Method - Intermittent
4	Section B 4	Coal Handling Operations	Perform a weekly qualitative visual observation, maintain log and follow-up as permit requires.	Refer to the semiannual report and records maintained	Visual Observations, EPA Method 9, Recordkeeping Method - Continuous and Intermittent

4	Section B 5	Coal Handling Operations	Maintain records of the results of all compliance tests.	Records maintained	Recordkeeping Method - Continuous
4	Section B 6 a	Coal Handling Operations	Report semiannually all 6-minute average opacities that exceed the applicable standard.	Refer to the semiannual reports.	Reporting Method - Intermittent
4	Section B 6 b	Coal Handling Operations	Submit the test data from each performance evaluation conducted to demonstrate compliance with 40 CFR 60, Subpart Y to EPA as specified.	Records maintained	Reporting Method - Intermittent
4	Section B 6 c	Coal Handling Operations	See Section F.	N/A	See Section F below
4	Section B 7 a	Coal Handling Operations	Operate and maintain control equipment to maintain compliance with applicable requirements and consistent with manufacturer's specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
4	Section B 7 b	Coal Handling Operations	Maintain records regarding the maintenance of the control equipment	Records maintained	Recordkeeping Method - Continuous
4	Section B 7 c	Coal Handling Operations	See Section E.	N/A	See Section E below

6	Section B 2 a	One fly ash silo (Truck loadout)	Emissions shall be less than 20% opacity.	No emissions observed. Records maintained.	Visual Observations, EPA Method 9, Recordkeeping Method - Continuous and Intermittent
6	Section B 2 b	One fly ash silo (Truck loadout)	PM emissions shall not exceed 43.12 lb/hr.	< 43.12 lb/hr Refer to semiannual reports.	Monitoring and Calculation Method - Intermittent
6	Section B 3	One fly ash silo (Truck loadout)	Conduct Method 9 test if required per monitoring requirements in Section B 4a.	Records maintained	Visual Observations, EPA Method 9, Recordkeeping Method - Continuous and Intermittent
6	Section B 4 a	One fly ash silo (Truck loadout)	Perform a weekly visual observation of each stack. Maintain a log of the observations. If visible emissions, conduct Method 9.	Records maintained	Visual Observations, EPA Method 9, Recordkeeping Method - Continuous and Intermittent
6	Section B 4 b	One fly ash silo (Truck loadout)	Monitor the amount of ash processed in tons, and hours of operation per month.	Refer to the semiannual reports.	Monitoring Method - Continuous and Intermittent
6	Section B 5	One fly ash silo (Truck loadout)	Maintain records of amount of ash processed in tons and hours of operation per month.	Records maintained.	Recordkeeping Method - Continuous
6	Section B 6	One fly ash silo (Truck loadout)	See Section F.	N/A	See Section F below

6	Section B 7 a	One fly ash silo (Truck loadout)	Operate and maintain control equipment to maintain compliance with applicable requirements and consistent with manufacturer's specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
6	Section B 7 b	One fly ash silo (Truck loadout)	Records regarding the maintenance of the control equipment shall be maintained.	Records maintained	Recordkeeping Method - Continuous
6	Section B 7 c	One fly ash silo (Truck loadout)	See Section E.	N/A	See Section E below
7	Section B 1 a	Coal Handling Operations	Take reasonable precautions, including specified activities, to prevent particulate matter from becoming airborne.	Records maintained	Work Practices and Visual Observations Method - Intermittent
7	Section B 1 b	Coal Handling Operations	Discharge of visible fugitive dust emissions beyond property line is prohibited.	Records maintained	Visual Observations Method - Intermittent
7	Section B 4	Coal Handling Operations	Monitor actions taken to reduce fugitive emissions.	Records maintained	Monitoring Method - Intermittent
7	Section B 5	Coal Handling Operations	Maintain records of actions taken to reduce fugitive emissions.	Records maintained	Recordkeeping Method - Continuous
7	Section B 6	Coal Handling Operations	See Section F.	N/A	See Section F below

7	Section B 7 a	Coal Handling Operations	Maintain and operate control equipment to maintain compliance with applicable requirements and consistent with manufacturer's specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
7	Section B 7 b	Coal Handling Operations	Maintain records regarding the maintenance of the control equipment	Records maintained	Recordkeeping Method - Continuous
7	Section B 7 c	Coal Handling Operations	See Section E.	N/A	See Section E below
9	Section B 1 a	Coal Storage Pile	Take reasonable precautions, including specified activities, to prevent particulate matter from becoming airborne.	Records maintained	Work Practices and Visual Observations Method - Intermittent
9	Section B 1 b	Coal Storage Pile	Discharge of visible fugitive dust emissions beyond property line is prohibited.	Records maintained	Visual Observations Method - Intermittent
9	Section B 1 c	Coal Storage Pile	Install and operate control methods selected as BACT (wet suppression or dust suppressant).	Records maintained	Recordkeeping Method - Continuous

9	Section B 4	Coal Storage Pile	Monitor application of wet suppression or dust suppressant.	Records maintained	Monitoring and Work Practices Method - Intermittent
9	Section B 5	Coal Storage Pile	Maintain records of the use of wet suppression or dust suppressant.	Records maintained	Recordkeeping Method - Continuous
9	Section B 6	Coal Storage Pile	See Section F.	N/A	See Section F below
9	Section B 7 a	Coal Storage Pile	Operate and maintain control equipment to maintain compliance with applicable requirements and consistent with manufacturer's specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
9	Section B 7 b	Coal Storage Pile	Records regarding the maintenance of the control equipment shall be maintained.	Records maintained	Recordkeeping Method - Continuous
9	Section B 7 c	Coal Storage Pile	See Section E.	N/A	See Section E below
10	Section B 1	Coal Silos (4)	Install control methods selected as BACT (baghouse).	Records maintained	Recordkeeping Method - Continuous
10	Section B 2 a	Coal Silos (4)	Emissions shall be less than 20% opacity.	0% Refer to the semiannual report	Visual Observations and EPA Method 9 Method - Intermittent
10	Section B 2 b	Coal Silos (4)	Baghouse shall exhibit a design control efficiency of at least 99%.	Records maintained	Recordkeeping and Equipment Design and Operation Method - Continuous

10	Section B 3	Coal Silos (4)	Conduct all performance tests required by 40 CFR 60.8 to demonstrate compliance with the applicable emission standards using the methods identified in 40 CFR 60.257.	N/A	EPA Method 9 Method - Intermittent
10	Section B 4	Coal Silos (4)	Perform a weekly qualitative visual observation for each stack, maintain log and follow-up as permit requires.	Refer to the semiannual report and records maintained	Visual Observations, EPA Method 9, and Recordkeeping Method - Continuous and Intermittent
10	Section B 5	Coal Silos (4)	Maintain results of all compliance tests.	Records maintained	Recordkeeping Method - Continuous
10	Section B 6 a	Coal Silos (4)	Report semiannually all 6-minute average opacities that exceed the standard.	Refer to the semiannual report.	Reporting Method - Intermittent
10	Section B 6 b	Coal Silos (4)	Submit the test data from each performance evaluation conducted to demonstrate compliance with 40 CFR 60, Subpart Y to EPA as specified.	N/A	Reporting Method - Intermittent
10	Section B 6 c	Coal Silos (4)	See Section F.	N/A	See Section F below

10	Section B 7 a	Coal Silos (4)	Operate and maintain baghouse to ensure compliance with applicable requirements and consistent with manufacturer's specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
10	Section B 7 b	Coal Silos (4)	Maintain records regarding maintenance of the control equipment.	Records maintained	Recordkeeping Method - Continuous
10	Section B 7 c	Coal Silos (4)	See Section E.	N/A	See Section E below
11	Section B 1	Bed Ash Handling System	Install and operate control equipment selected as BACT (baghouse).	Records maintained	Recordkeeping Method - Continuous
11	Section B 2 a	Bed Ash Handling System	Emissions shall be less than 20% opacity.	0% Refer to the semiannual report	Visual Observations and EPA Method 9 Method - Intermittent
11	Section B 2 b	Bed Ash Handling System	Baghouse shall exhibit a design control efficiency of at least 99%.	Records maintained	Recordkeeping and Equipment Design and Operation Method - Continuous
11	Section B 2 c	Bed Ash Handling System	PM emissions shall not exceed 36.17 lb/hr.	< 36.17 lb/hr Refer to semiannual reports.	Monitoring and Calculation Method - Intermittent
11	Section B 3 a	Bed Ash Handling System	Perform an annual Method 9 unless requested more frequently by the Division.	Records maintained	EPA Method 9 Method - Intermittent

11	Section B 3 b	Bed Ash Handling System	Perform Method 5 or 17 as required by the Division to determine PM.	N/A	EPA Method 5 or 17 Method - Intermittent
11	Section B 4 a	Bed Ash Handling System	Perform a weekly qualitative visual observation of emissions from each stack. Maintain a log of the observations. If visible emissions, conduct a Method 9.	Refer to the semiannual report and records maintained	Visual Observations, EPA Method 9, and Recordkeeping Method - Continuous and Intermittent
11	Section B 4 b	Bed Ash Handling System	Check and record pressure drop across baghouses on a continuous basis and compare with manufacturers' specified operating range.	Refer to semiannual reports and records maintained	Monitoring and Recordkeeping Method - Continuous
11	Section B 4 c	Bed Ash Handling System	Monitor the amount of ash processed in tons and the hours of operation per month.	Refer to semiannual reports	Monitoring Method - Continuous and Intermittent
11	Section B 5 a	Bed Ash Handling System	Maintain records of amount of ash processed in tons and the hours of operation per month.	Records maintained	Recordkeeping Method - Continuous
11	Section B 5 b	Bed Ash Handling System	Maintain results of all compliance tests and calculations.	Records maintained	Recordkeeping Method - Continuous

11	Section B 5 b (1)	Bed Ash Handling System	Weekly record date and time of visible emissions monitoring and if a Reference Method 9 is required, record the opacity. In case of exceedance, record the reason if known and measures taken to minimize or eliminate the exceedance.	Records maintained	Recordkeeping Method - Continuous
11	Section B 5 b (2)	Bed Ash Handling System	Monitor pressure drop across the baghouses using a continuous recording device and maintain the charts. If out of range indication, record the required information.	Records maintained	Recordkeeping Method - Continuous
11	Section B 6	Bed Ash Handling System	See Section F, Conditions 5, 6, 7 and 8.	N/A	See Section F below
11	Section B 7 a	Bed Ash Handling System	Control equipment shall be operated and maintained to maintain compliance with emission limitations and consistent with manufacturer's specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous

11	Section B 7 b	Bed Ash Handling System	Maintain records regarding the maintenance of the control equipment.	Records maintained	Recordkeeping Method - Continuous
11	Section B 7 c	Bed Ash Handling System	See Section E.	N/A	See Section E below
12	Section B 1	Fly Ash Handling System	Install and operate control equipment selected as BACT (baghouses).	Records maintained	Recordkeeping Method - Continuous
12	Section B 2 a	Fly Ash Handling System	Emissions shall be less than 20% opacity.	0% Refer to semiannual reports.	Visual Observations and EPA Method 9 Method - Intermittent
12	Section B 2 b	Fly Ash Handling System	Baghouse shall exhibit a design control efficiency of at least 99%.	Records maintained	Recordkeeping and Equipment Design and Operation Method - Continuous
12	Section B 2 c	Fly Ash Handling System	PM emissions shall not exceed 37.9 lbs/hr. based on a 3 hour average.	< 37.9 lb/hr	Testing Method - Intermittent
12	Section B 3 a	Fly Ash Handling System	Determine opacity of emissions from each stack if required due to visible emissions observations or more frequently if requested by DAQ.	Records maintained	Visual Observation, EPA Method 9, and Recordkeeping Method - Intermittent and Continuous
12	Section B 3 b	Fly Ash Handling System	Perform Method 5 or 17 as required by the Division to determine PM.	No test required by the Division	EPA Method 5 or 17 Method - Intermittent

12	Section B 4 a	Fly Ash Handling System	Perform a weekly qualitative visual observation of emissions from each stack. Maintain a log of the observations. If visible emissions, conduct a Method 9.	Refer to semiannual reports and records maintained	Visual Observation, EPA Method 9, and Recordkeeping Method - Intermittent and Continuous
12	Section B 4 b	Fly Ash Handling System	Check and record the pressure drop across bag houses on a continuous basis and compare with manufacturer's specified operating range. If Method 9 required, record the opacity.	Refer to semiannual reports and records maintained	Monitoring and Recordkeeping Method - Continuous
12	Section B 5 a	Fly Ash Handling System	Maintain records of amount of ash processed.	Records maintained	Recordkeeping Method - Continuous
12	Section B 5 b	Fly Ash Handling System	Maintain results of all compliance tests and calculations.	Records maintained	Recordkeeping Method - Continuous

12	Section B 5 b (1)	Fly Ash Handling System	Each week record date and time of visible emissions monitoring and if a Reference Method 9 is required, record the opacity. In case of exceedance, record the reason if known and measures taken to minimize or eliminate the exceedance.	Records maintained	Recordkeeping Method - Continuous
12	Section B 5 b (2)	Fly Ash Handling System	Monitor pressure drop across the baghouses using a continuous recording device and maintain the charts. If out of range indication, record the required information.	Records maintained	Recordkeeping Method - Continuous
12	Section B 6	Fly Ash Handling System	See Section F Conditions 5, 6, 7, 8.	N/A	See Section F below.
12	Section B 7 a	Fly Ash Handling System	Maintain and operate control equipment to maintain compliance with emission limitations and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous

12	Section B 7 b	Fly Ash Handling System	Maintain records of maintenance of control equipment.	Records maintained	Recordkeeping Method - Continuous
12	Section B 7 c	Fly Ash Handling System	See Section E.	N/A	See Section E below
14	Section B 1	Limestone Storage	Install and operate control equipment selected as BACT (baghouse).	Records maintained	Recordkeeping Method - Continuous
14	Section B 2 a	Limestone Storage	Baghouse shall exhibit a design control efficiency of at least 99%.	Records maintained	Recordkeeping and Equipment Design and Operation Method - Continuous
14	Section B 2 b	Limestone Storage	Particulate shall not exceed 0.05 gr/dscm and 7% opacity.	<0.05 gr/dscm 0% Records maintained	Visual Observation, EPA Method 9, 5, or 17 and Recordkeeping Method - Intermittent and Continuous
14	Section B 3 a	Limestone Storage	Determine opacity by Method 9 on an annual basis.	Performance test was conducted on 6/9/2022.	EPA Method 9 Method - Intermittent
14	Section B 3 b	Limestone Storage	Method 5 or 17 shall be performed as required by the Division to determine PM emissions.	No test required by the Division	EPA Method 5 or 17 Method - Intermittent
14	Section B 4 a	Limestone Storage	Perform weekly qualitative visual observations from each stack. Maintain a log of the observations. If visible emissions, conduct a Method 9.	Refer to the semiannual report and records maintained	Visual Observations, EPA Method 9, and Recordkeeping Method - Continuous and Intermittent

14	Section B 4 b	Limestone Storage	Check and record the pressure drop across the baghouse on a continuous basis and compare with the manufacturers' specified operating range.	Refer to the semiannual report and records maintained	Monitoring and Recordkeeping Method - Continuous
14	Section B 5 a	Limestone Storage	Record each week the date and time of visible emissions monitoring. Record the opacity if a Method 9 is required. If exceedance, record reason (if known) and measures taken to minimize or eliminate exceedance.	Records maintained	Recordkeeping Method - Continuous
14	Section B 5 b	Limestone Storage	Continuous monitoring of pressure drop across the baghouse and maintenance of recording device charts. If out of range indication, record the required information.	Records maintained	Monitoring and Recordkeeping Method - Continuous
14	Section B 5 c	Limestone Storage	See Section F, Conditions 5, 6, 7 and 8.	N/A	See Section F below

14	Section B 6	Limestone Storage	Submit written reports of all performance tests to demonstrate compliance with 40 CFR 60.672 including opacity observations using Reference Method 9.	Report was submitted on 6/10/2022.	Reporting Method - Intermittent
14	Section B 7 a	Limestone Storage	Maintain and operate control equipment to maintain compliance with applicable requirements and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
14	Section B 7 b	Limestone Storage	Maintain records regarding the maintenance of the control equipment.	Records maintained	Recordkeeping Method - Continuous
14	Section B 7 c	Limestone Storage	See Section E.	N/A	See Section E below
15	Section B 1 a	Limestone Unloading/Storage	Take reasonable precautions, including specified activities, to prevent particulate matter from becoming airborne.	Records maintained	Work Practices and Visual Observations Method - Intermittent

15	Section B 1 b	Limestone Unloading/Storage	Discharge of visible fugitive dust emissions beyond the property line is prohibited.	Records maintained	Visual Observations Method - Intermittent
15	Section B 1 c	Limestone Unloading/Storage	Install control methods selected as BACT (wet suppression or dust suppressant).	Records maintained	Recordkeeping Method - Continuous
15	Section B 4	Limestone Unloading/Storage	Monitor fugitive emissions from the limestone truck dump as required by BACT.	Records maintained	Monitoring Method - Intermittent
15	Section B 5	Limestone Unloading/Storage	Maintain records of limestone processed (tonnage).	Records maintained	Recordkeeping Method - Continuous
15	Section B 6	Limestone Unloading/Storage	See Section F Conditions 5, 6, 7 and 8.	N/A	See Section F below
15	Section B 7 a	Limestone Unloading/Storage	Operate and maintain the control equipment to maintain compliance with applicable requirements and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
15	Section B 7 b	Limestone Unloading/Storage	Maintain records regarding the maintenance of the control equipment.	Records maintained	Recordkeeping Method - Continuous

15	Section B 7 c	Limestone Unloading/Storage	See Section E.	N/A	See Section E below
16	Section B 1 a	Cooling Tower	Take reasonable precautions, including specified activities, to prevent particulate matter from becoming airborne.	Records maintained	Work Practices and Visual Observations Method - Intermittent
16	Section B 1 b	Cooling Tower	Discharge of visible fugitive dust emissions beyond the property line is prohibited.	Records maintained	Visual Observations Method - Intermittent
16	Section B 1 c	Cooling Tower	Use of chromium based water treatment chemicals in the cooling tower is prohibited.	Records maintained	Recordkeeping Method - Continuous
16	Section B 2	Cooling Tower	Utilize 0.005% drift eliminators.	Records maintained	Design of Equipment and Recordkeeping Method - Continuous
16	Section B 5	Cooling Tower	Maintain records of manufacturer design of the drift eliminators.	Records maintained	Recordkeeping Method - Continuous
16	Section B 6	Cooling Tower	See Section F Conditions 5, 6, 7 and 8.	N/A	See Section F below
16	Section B 7 a	Cooling Tower	Operate and maintain control equipment to ensure compliance with applicable regulations consistent with the manufacturer's specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous

16	Section B 7 b	Cooling Tower	Maintain records of maintenance of the control equipment.	Records maintained	Recordkeeping Method - Continuous
16	Section B 7 c	Cooling Tower	See Section E.	N/A	See Section E below
18	Section B 1	Coal Silos	Install and operate control methods selected as BACT (baghouse).	Records maintained	Recordkeeping Method - Continuous
18	Section B 2 a	Coal Silos	Emissions shall be less than 20% opacity.	0% Refer to the semiannual report.	Visual Observations and EPA Method 9 Method - Intermittent
18	Section B 2 b	Coal Silos	Baghouse shall exhibit a design control efficiency of at least 99% with a BACT limit of 0.10 lb/hr.	<0.10 lb/hr Records maintained	Recordkeeping and Equipment Design and Operation Method - Continuous
18	Section B 3	Coal Silos	Conduct all performance tests required by 40 CFR 60.8 to demonstrate compliance with the applicable emission standards using the methods identified in 40 CFR 60.257.	N/A	EPA Method 9 Method - Intermittent
18	Section B 4 a	Coal Silos	Perform a weekly qualitative visual observation for each stack. Maintain a log of observations. If visible emissions, conduct Method 9.	Refer to the semiannual report and records maintained	Visual Observations, EPA Method 9, and Recordkeeping Method - Continuous and Intermittent

18	Section B 4 b	Coal Silos	Monitor and record the pressure drop across the baghouse on a continuous basis and compare with the manufacturers' specified operating range to ensure compliance.	Refer to the semiannual report and records maintained	Monitoring and Recordkeeping Method - Continuous
18	Section B 5 a	Coal Silos	Monitor and record the amount of coal received and processed.	Records maintained	Monitoring and Recordkeeping Method - Continuous
18	Section B 5 b	Coal Silos	Maintain results of all compliance tests and calculations.	Records maintained	Recordkeeping Method - Continuous
18	Section B 5 b (1)	Coal Silos	Record each week the date and time of the visible emissions monitoring. If a Method 9 is required, record the opacity. In case of exceedances, record the reason (if known) and the measures taken to minimize or eliminate the exceedances.	Records maintained	Recordkeeping Method - Continuous

18	Section B 5 b (2)	Coal Silos	Continuously monitor pressure drop across the baghouse and maintain the records. If out of range indication, record the required information.	Records maintained	Monitoring and Recordkeeping Method - Continuous
18	Section B 6 a	Coal Silos	Permittee shall report semiannually all 6-minute average opacities that exceed the standard.	Refer to semiannual reports and records maintained	Reporting Method - Intermittent
18	Section B 6 b	Coal Silos	Submit the test data from each performance evaluation conducted to demonstrate compliance with 40 CFR 60, Subpart Y to EPA as specified.	N/A	Reporting Method - Intermittent
18	Section B 6 c	Coal Silos	See Section F.	N/A	See Section F below
18	Section B 7 a	Coal Silos	Maintain and operate control equipment to maintain compliance with applicable requirements and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous

18	Section B 7 b	Coal Silos	Maintain records regarding the maintenance of the control equipment .	Records maintained	Recordkeeping Method - Continuous
18	Section B 7 c	Coal Silos	See Section E.	N/A	See Section E below
19	Section B 1	Ash Handling System (04A)	Install and operate control methods selected as BACT (baghouses).	Records maintained	Recordkeeping Method - Continuous
19	Section B 2 a	Ash Handling System (04A)	Emissions shall be less than 20% opacity.	No emissions observed. Refer to the semiannual report.	Visual Observations, EPA Method 9, and Recordkeeping Method - Continuous and Intermittent
19	Section B 2 b	Ash Handling System (04A)	Baghouse shall exhibit a design control efficiency of 99% with a BACT limit of 0.011 lb/ton when handling bed ash and with a BACT limit of 0.0037 lb/ton when handling fly ash.	<0.011 lb/ton handling bed ash <0.0037 lb/ton when handling fly ash Records maintained.	Recordkeeping and Equipment Design and Operation Method - Continuous
19	Section B 2 c	Ash Handling System (04A)	PM emissions shall not exceed 37.9 lb/hr.	< 37.9 lb/hr Refer to semiannual reports and records maintained	Monitoring and Calculation Method - Intermittent
19	Section B 3	Ash Handling System (04A)	Perform a Method 5 or 17 as required by the Division to determine PM concentration.	N/A	EPA Method 5 or 17 Method - Intermittent

19	Section B 4 a	Ash Handling System (04A)	Perform a weekly qualitative visual observation of the emissions from each stack. Maintain a log of the observations. If visible emissions, conduct Method 9.	Refer to the semiannual report. Records maintained.	Visual Observations, EPA Method 9, and Recordkeeping Method - Continuous and Intermittent
19	Section B 4 b	Ash Handling System (04A)	Monitor and record the pressure drop across the baghouse on a continuous basis and compare with the manufacturers' specified operating range.	Refer to the semiannual reports and records maintained	Monitoring and Recordkeeping Method - Continuous
19	Section B 4 c	Ash Handling System (04A)	Monitor the amount of ash processed in tons and hours of operation per month.	Refer to the semiannual reports	Monitoring Method - Continuous and Intermittent
19	Section B 5 a	Ash Handling System (04A)	Maintain records of the amount of ash processed in tons and hours of operation per month.	Records maintained	Recordkeeping Method - Continuous
19	Section B 5 b	Ash Handling System (04A)	Maintain results of all compliance tests and calculations.	Records maintained	Recordkeeping Method - Continuous

19	Section B 5 b (1)	Ash Handling System (04A)	Record weekly the date and time of the visible emissions monitoring. If a Method 9 is required, record the opacity. In case of exceedances, record the reason (if known) and the measures taken to minimize or eliminate the exceedances.	Records maintained	Recordkeeping Method - Continuous
19	Section B 5 b (2)	Ash Handling System (04A)	Continuously monitor pressure drop across the baghouse and maintain the records. If out of range indication, record the required information.	Records maintained	Recordkeeping Method - Continuous
19	Section B 6	Ash Handling System (04A)	See Section F, Conditions 5, 6, 7, and 8.	N/A	See Section F below
19	Section B 7 a	Ash Handling System (04A)	Maintain and operate control equipment to maintain compliance with emission limitations and consistent with manufacturers' specifications and standard operating practices.	Records maintained.	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous

19	Section B 7 b	Ash Handling System (04A)	Maintain records of the maintenance of the control equipment.	Records maintained	Recordkeeping Method - Continuous
19	Section B 7 c	Ash Handling System (04A)	See Section E.	N/A	See Section E below
20	Section B 1	Ash Handling System (04B)	Install and operate control methods selected as BACT (baghouses).	Records maintained	Recordkeeping Method - Continuous
20	Section B 2 a	Ash Handling System (04B)	Emissions shall be less than 20% opacity.	No emissions observed. Refer to the semiannual reports	Visual Observations and EPA Method 9 Method - Intermittent
20	Section B 2 b	Ash Handling System (04B)	Baghouse shall exhibit design control efficiency of 99% with a BACT limit of 0.011 lb/ton when handling bed ash and with a BACT limit of 0.0037 lb/ton when handling fly ash.	<0.011 lb/ton when handling bed ash <0.0037 lb/ton when handling fly ash Records maintained.	Recordkeeping and Equipment Design and Operation Method - Continuous
20	Section B 2 c	Ash Handling System (04B)	Particulate emissions shall not exceed 37.9 lbs/hr.	< 37.9 lb/hr Refer to semiannual reports and records maintained	Monitoring and Calculation Method - Intermittent
20	Section B 3	Ash Handling System (04B)	Perform a Method 5 or 17 as required by the Division to determine PM concentration.	N/A	EPA Method 5 or 17 Method - Intermittent

20	Section B 4 a	Ash Handling System (04B)	Perform a weekly qualitative visual observation of the emissions for each stack. Maintain a log of the observations. If visible emissions, conduct Method 9.	Refer to the semiannual reports. Records maintained.	Visual Observations, EPA Method 9, and Recordkeeping Method - Continuous and Intermittent
20	Section B 4 b	Ash Handling System (04B)	Monitor and record the pressure drop across the baghouse on a continuous basis and compare with the manufacturers' specified operating range.	Refer to the semiannual reports and records maintained.	Monitoring and Recordkeeping Method - Continuous
20	Section B 4 c	Ash Handling System (04B)	Monitor the amount of ash processed in tons and hours of operation per month.	Refer to the semiannual reports.	Monitoring Method - Continuous and Intermittent
20	Section B 5 a	Ash Handling System (04B)	Maintain records of amount of ash processed in tons and hours of operation per month.	Records maintained.	Recordkeeping Method - Continuous
20	Section B 5 b	Ash Handling System (04B)	Maintain results of all compliance tests and calculations.	Records maintained	Recordkeeping Method - Continuous

20	Section B 5 b (1)	Ash Handling System (04B)	Record each week the date and time of the visible emissions monitoring. If a Method 9 is required, record the opacity. In case of exceedances, record the reason (if known) and the measures taken to minimize or eliminate the exceedances.	Records maintained	Recordkeeping Method - Continuous
20	Section B 5 b (2)	Ash Handling System (04B)	Continuously monitor pressure drop across the baghouse and maintain the records. If out of range indication, record the required information.	Records maintained	Monitoring and Recordkeeping Method - Continuous
20	Section B 6	Ash Handling System (04B)	See Section F Conditions 5, 6, 7, and 8.	N/A	See Section F below
20	Section B 7 a	Ash Handling System (04B)	Maintain and operate control equipment to maintain compliance with emission limitations and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous

20	Section B 7 b	Ash Handling System (04B)	Maintain records of the maintenance of the control equipment.	Records maintained	Recordkeeping Method - Continuous
20	Section B 7 c	Ash Handling System (04B)	See Section E.	N/A	See Section E below
21	Section B 1	Limestone Silos	Install and operate control equipment selected as BACT (baghouse).	Records maintained	Recordkeeping Method - Continuous
21	Section B 2 a	Limestone Silos	Baghouse shall exhibit a design control efficiency of at least 99%.	Records maintained	Recordkeeping and Equipment Design and Operation Method - Continuous
21	Section B 2 b	Limestone Silos	Particulate shall not exceed 0.05 gr/dscm and shall not exhibit greater than 7% opacity.	< 0.05 gr/dscm 0% opacity Refer to semiannual reports and records maintained	EPA Method 9 and Calculation Method - Intermittent
21	Section B 3 a	Limestone Silos	Determine opacity by Method 9 on an annual basis.	Performance test was conducted on 6/8/2022.	EPA Method 9 Method - Intermittent
21	Section B 3 b	Limestone Silos	Determine compliance with the PM standard as specified in 40 CFR 60.675(b) as required by the Division.	N/A	EPA Method 5 or 17 Method - Intermittent

21	Section B 4 a	Limestone Silos	Perform weekly qualitative visual stack observations of the emissions from each stack. Maintain a log of the observations. If visible emissions, perform Method 9.	Refer to the semiannual report and records maintained	Visual Observations, EPA Method 9, and Recordkeeping Method - Continuous and Intermittent
21	Section B 4 b	Limestone Silos	Monitor and record the pressure drop across the baghouse on a continuous basis and compare with the manufacturers' specified operating range.	Refer to the semiannual report and records maintained	Monitoring and Recordkeeping Method - Continuous
21	Section B 5 a	Limestone Silos	Record weekly the date and time of the visible emissions monitoring. If a Method 9 is required, record opacity and if there is an exceedance, record the reason (if known) and measures taken to minimize or eliminate it.	Records maintained	Recordkeeping Method - Continuous

21	Section B 5 b	Limestone Silos	Monitor pressure drop across the baghouse using a strip recorder or other continuous recording device and maintain the records. If out of range indication, record the required information.	Refer to the semiannual report and records maintained	Monitoring and Recordkeeping Method - Continuous
21	Section B 5 c	Limestone Silos	Maintain records of the limestone processed in tons and hours of operation per month.	Refer to the semiannual report and records maintained	Monitoring and Recordkeeping Method - Continuous
21	Section B 5 d	Limestone Silos	See Section F Conditions 5, 6, 7, and 8.	N/A	See Section F below
21	Section B 6	Limestone Silos	Submit written results of all compliance tests and Method 9 observations.	Report was submitted on 6/10/2022.	Reporting Method - Intermittent
21	Section B 7 a	Limestone Silos	Maintain and operate control equipment to maintain compliance with applicable requirements and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
21	Section B 7 b	Limestone Silos	Records regarding the maintenance of the control equipment shall be maintained.	Records maintained	Recordkeeping Method - Continuous

21	Section B 7 c	Limestone Silos	See Section E.	N/A	See Section E below
23	Section B 1 a	Cooling Tower	Take reasonable precautions, including specified actions, to prevent PM from becoming airborne.	Records maintained	Work Practices and Visual Observations Method - Intermittent
23	Section B 1 b	Cooling Tower	Discharge of visible fugitive dust emissions beyond the property line is prohibited.	Records maintained	Visual Observations Method - Intermittent
23	Section B 1 c	Cooling Tower	Use of chromium based water treatment chemicals in the cooling tower is prohibited.	Records maintained	Recordkeeping Method - Continuous
23	Section B 2	Cooling Tower	Utilize 0.0005% drift eliminators.	Records maintained	Design of Equipment and Recordkeeping Method - Continuous
23	Section B 4	Cooling Tower	Monitor the total dissolved solids content of the circulating water on a monthly basis.	Refer to the semiannual report and records maintained	Monitoring Method - Intermittent
23	Section B 5 a	Cooling Tower	Maintain records of the manufacturer's design of the drift eliminators.	Records maintained	Recordkeeping Method - Continuous
23	Section B 5 b	Cooling Tower	Maintain records of the maximum pumping capacity and monthly records of the total dissolved solids content.	Records maintained	Recordkeeping Method - Continuous
23	Section B 6	Cooling Tower	See Section F Conditions 5, 6, 7, and 8.	N/A	See Section F below

23	Section B 7 a	Cooling Tower	Operate and maintain drift eliminators ensure the emission units is in compliance with applicable requirements consistent with manufacturer's specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
23	Section B 7 b	Cooling Tower	See Section E.	N/A	See Section E below
24	Section B 1 a	Diesel Fired Emergency Generators	Operate emergency RICE according to requirements of an emergency engine.	Records maintained	Recordkeeping Method - Continuous
24	Section B 1 b	Diesel Fired Emergency Generators	Operate and maintain engines to achieve required emissions standards throughout the life of the engines.	Records maintained	Proper Operation and Maintenance Recordkeeping Method - Continuous
24	Section B 1 c	Diesel Fired Emergency Generators	Use of non-road diesel fuel	Records maintained	Recordkeeping Method - Continuous
24	Section B 1 d	Diesel Fired Emergency Generators	The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.	Records maintained	Proper Operation and Recordkeeping Method - Intermittent and Continuous

24	Section B 2 a	Diesel Fired Emergency Generators	Comply with emission standards by purchasing a certified engine, install, configure, operate and maintain according to manufacturers' specifications.	Records maintained	Proper Operation and Maintenance Recordkeeping Method - Continuous and Intermittent
24	Section B 4 a	Diesel Fired Emergency Generators	Meet all applicable monitoring NSPS requirements.	Refer to semiannual reports and records maintained	Monitoring Method - Intermittent
24	Section B 4 b	Diesel Fired Emergency Generators	Install a non-resettable hour meter.	Refer to semiannual reports and records maintained	Monitoring and Recordkeeping Method - Continuous
24	Section B 5 a	Diesel Fired Emergency Generators	If equipped with a diesel particulate filter keep records of any corrective action taken after back pressure monitor notifies that the high back pressure limit of the engine is approached.	Records maintained	Recordkeeping Method - Continuous

24	Section B 5 b	Diesel Fired Emergency Generators	Keep records of operation in emergency and non-emergency service recorded through the non-resettable hour meter, record the time of operation and the reason the engine was in operation during that time.	Records maintained	Recordkeeping Method - Continuous
24	Section B 5 c	Diesel Fired Emergency Generators	See Section F and 40 CFR 60.4218.	N/A	See Section F below
24	Section B 6 a	Diesel Fired Emergency Generators	Submit applicable reports in Table 7 of 40 CFR 63, Subpart ZZZZ.	N/A	No reports required
24	Section B 6 b	Diesel Fired Emergency Generators	If the engine operates or is contractually obligated to be available for emergency demand response submit an annual report.	N/A	N/A - Demand Response Use Provisions Vacated
24	Section B 6 c	Diesel Fired Emergency Generators	If the engine operates or is contractually obligated to be available for emergency demand responses submit an annual report.	N/A	N/A - Demand Response Use Provisions Vacated
24	Section B 6 d	Diesel Fired Emergency Generators	See Section F and 40 CFR 60.4218.	N/A	See Section F below

25	Section B 1 a	Limestone Unloading/Storage	Take reasonable precautions, including specified activities, to prevent particulate matter from becoming airborne.	Records maintained	Work Practices and Visual Observations Method - Intermittent
25	Section B 1 b	Limestone Unloading/Storage	Discharge of visible fugitive dust emissions beyond the property line is prohibited.	Records maintained	Visual Observations Method - Intermittent
25	Section B 6	Limestone Unloading/Storage	See Section F.	N/A	See Section F below
25	Section B 7 a	Limestone Unloading/Storage	Operate control equipment including but not limited to use of dust suppressant or wet suppression to maintain compliance with applicable requirements and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
25	Section B 7 b	Limestone Unloading/Storage	Records regarding the maintenance of the control equipment shall be maintained.	Records maintained	Recordkeeping Method - Continuous
25	Section B 7 c	Limestone Unloading/Storage	See Section E.	N/A	See Section E below

26	Section B 2 a	Limestone Preparations	For affected facilities with capture systems used to capture and transport PM to a control device, PM shall not exceed 0.05g/dscm (0.22 gr/dscf) and opacity shall not exceed 7% for dry control devices unless an exception applies.	N/A	N/A
26	Section B 2 b	Limestone Preparations	For fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems, emissions shall not exceed 10% opacity unless an exception applies.	N/A	N/A

26	Section B 2 c	Limestone Preparations	For any transfer point on a conveyor belt or any other affected facility enclosed in a building, comply with the emission limits in 40 CFR 60.672(a) and (b) or the following limits: fugitive emissions from building openings except for vents shall not exceed 7% opacity and vents shall meet the applicable stack emission limits and compliance requirements in Table 2 of 40 CFR 60 Subpart OOO.	<7%	EPA Method 9 Method - Intermittent
26	Section B 2 d	Limestone Preparations	A baghouse that controls emissions only from an individual, enclosed storage bin is subject to the stack opacity limit in Table 2 but not the PM stack concentration limit in Table 2 of 40 CFR 60 Subpart OOO.	<7%	EPA Method 9 Method - Intermittent

26	Section B 2 e	Limestone Preparations	Truck dumping of non-metallic minerals into any screening operation, feed hopper or crusher is exempt.	N/A	N/A
26	Section B 3 a	Limestone Preparations	Conduct performance testing at least once by the end of the 4th year after the effective date of the permit.	N/A	EPA Method 9 Method - Intermittent
26	Section B 3 b	Limestone Preparations	Except as specified in 40 CFR 60.657(e)(3) and (4) Method 5 or Method 17 shall be used to determine PM concentrations. Requirements for sample volume and temperature as specified in the permit condition shall be met.	N/A	N/A
26	Section B 3 c	Limestone Preparations	To determine compliance with opacity standards use EPA Reference Method 9 and the additional requirements in the permit	N/A	EPA Method 9 Method - Intermittent

26	Section B 3 d	Limestone Preparations	In determining opacity compliance from any baghouse that controls emissions only from an individual enclosed storage bin comply with the observation time periods.	N/A	EPA Method 9 Method - Intermittent
26	Section B 3 e	Limestone Preparations	In determining compliance with fugitive emission standards duration of EPA Reference Method 9 shall be 30 minutes and compliance will be based on average of the five 6-minute averages.	N/A	EPA Method 9 Method - Intermittent
26	Section B 3 f	Limestone Preparations	To demonstrate compliance with fugitive emission limits for buildings, test when all affected facilities inside the building are operating. Obligation depends on facility classification date before or after April 1, 2005.	N/A	EPA Method 9 or Method 22 Method - Intermittent

26	Section B 3 g	Limestone Preparations	Alternatives to the referenced methods and procedures specified in 60.675(e) may be used.	N/A	Test Methods for Opacity and Particulate Method - Intermittent
26	Section B 3 h	Limestone Preparations	For performance tests involving only EPA Method 9, the 30-day advance notification of performance test requirement in 40 CFR 60.7(a)(6) and 60.7(d) may be reduced to a 7-day advance notification.	Refer to notifications submitted to the Division	Reporting Method - Intermittent
26	Section B 3 i	Limestone Preparations	If the initial performance test date falls during a seasonal shutdown of the affected facility, the permitting authority may approve postponement of the initial performance test to a date no later than 60 calendar days after operations resume.	N/A	N/A
26	Section B 4 a	Limestone Preparations	Inspect the emissions control equipment weekly and make repairs.	Refer to semiannual reports and records maintained	Recordkeeping and Inspections and Maintenance Method - Intermittent and Continuous

26	Section B 4 b	Limestone Preparations	Check and record pressure drop across baghouses on a continuous basis and comply with manufacturer's operating requirements.	Refer to semiannual reports and records maintained	Monitoring and Recordkeeping Method - Continuous
26	Section B 5 a	Limestone Preparations	Records of the lime and/or limestone processed shall be maintained.	Records maintained	Recordkeeping Method - Continuous
26	Section B 5 b	Limestone Preparations	Maintain results of all monitoring and performance tests.	Records maintained	Recordkeeping Method - Continuous and Intermittent
26	Section B 5 c	Limestone Preparations	See Section F.	N/A	See Section F below
26	Section B 6 a	Limestone Preparations	Submit written reports of the results of all performance tests including reports of opacity observations to demonstrate compliance.	N/A	Reporting Method - Intermittent
26	Section B 6 b	Limestone Preparations	See Section F	N/A	See Section F below
26	Section B 7 a	Limestone Preparations	Control equipment shall be used to maintain compliance with requirements and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation Recordkeeping Method - Continuous

26	Section B 7 b	Limestone Preparations	Maintain records of maintenance of control equipment.	Records maintained	Recordkeeping Method - Continuous
26	Section B 7 c	Limestone Preparations	See Section E.	N/A	See Section E below
27	Section B 1 a	Unit 1 Cooling Tower	Take reasonable precautions, including specified activities, to prevent particulate matter from becoming airborne.	N/A	EU27 was demolished on 3/7/2020 and replaced with EU35.
27	Section B 1 b	Unit 1 Cooling Tower	Discharge of visible fugitive dust emissions beyond the property line is prohibited.	N/A	EU27 was demolished on 3/7/2020 and replaced with EU35.
27	Section B 1 c	Unit 1 Cooling Tower	Use of chromium based water treatment chemicals in the cooling tower is prohibited.	N/A	EU27 was demolished on 3/7/2020 and replaced with EU35.
27	Section B 5	Unit 1 Cooling Tower	Maintain records of the manufacturer's design of the drift eliminators.	N/A	EU27 was demolished on 3/7/2020 and replaced with EU35.
27	Section B 6	Unit 1 Cooling Tower	See Section F.	N/A	See Section F below
27	Section B 7 a	Unit 1 Cooling Tower	Operate and maintain drift eliminators consistent with manufacturer’s specifications and standard operating practices to ensure the emission unit is in compliance with applicable requirements.	N/A	EU27 was demolished on 3/7/2020 and replaced with EU35.

27	Section B 7 b	Unit 1 Cooling Tower	See Section E.	N/A	See Section E below
28	Section B 1 a	Unit 2 Cooling Tower	Take reasonable precautions, including specified activities, to prevent particulate matter from becoming airborne.	N/A	EU28 was demolished on 10/6/2021 and a minor permit revision was submitted on 12/29/2020 for the new emission unit, construction completed on 12/9/2021. Per 401 KAR 52;020 Section 14(4), EKPC is in compliance with with applicable regulations and the proposed permit language for the new until until the Cabinet takes action on the minor permit revision.
28	Section B 1 b	Unit 2 Cooling Tower	Discharge of visible fugitive dust emissions beyond the property line is prohibited.	N/A	EU28 was demolished on 10/6/2021 and a minor permit revision was submitted on 12/29/2020 for the new emission unit, construction completed on 12/9/2021. Per 401 KAR 52;020 Section 14(4), EKPC is in compliance with with applicable regulations and the proposed permit language for the new until until the Cabinet takes action on the minor permit revision.
28	Section B 1 c	Unit 2 Cooling Tower	Use of chromium based water treatment chemicals in the cooling tower is prohibited.	N/A	EU28 was demolished on 10/6/2021 and a minor permit revision was submitted on 12/29/2020 for the new emission unit, construction completed on 12/9/2021. Per 401 KAR 52;020 Section 14(4), EKPC is in compliance with with applicable regulations and the proposed permit language for the new until until the Cabinet takes action on the minor permit revision.
28	Section B 5	Unit 2 Cooling Tower	Maintain records of the manufacturer's design of the drift eliminators.	N/A	EU28 was demolished on 10/6/2021 and a minor permit revision was submitted on 12/29/2020 for the new emission unit, construction completed on 12/9/2021. Per 401 KAR 52;020 Section 14(4), EKPC is in compliance with with applicable regulations and the proposed permit language for the new until until the Cabinet takes action on the minor permit revision.
28	Section B 6	Unit 2 Cooling Tower	See Section F.	N/A	See Section F below
28	Section B 7 a	Unit 2 Cooling Tower	Operate and maintain drift eliminators consistent with manufacturer’s specifications and standard operating practices to ensure the emission unit is in compliance with applicable requirements.	N/A	EU28 was demolished on 10/6/2021 and a minor permit revision was submitted on 12/29/2020 for the new emission unit, construction completed on 12/9/2021. Per 401 KAR 52;020 Section 14(4), EKPC is in compliance with with applicable regulations and the proposed permit language for the new until until the Cabinet takes action on the minor permit revision.
28	Section B 7 b	Unit 2 Cooling Tower	See Section E.	N/A	See Section E below

29	Section B 1 a	Unit 1 and Unit 2 Coal Piles	Take reasonable precautions, including specified activities, to prevent particulate matter from becoming airborne.	Records maintained	Work Practices and Visual Observations Method - Intermittent
29	Section B 1 b	Unit 1 and Unit 2 Coal Piles	Discharge of visible fugitive dust emissions beyond the property line is prohibited.	Records maintained	Visual Observations Method - Intermittent
29	Section B 5	Unit 1 and Unit 2 Coal Piles	Maintain records of amount of coal received and processed.	Records maintained	Recordkeeping Method - Continuous
29	Section B 6	Unit 1 and Unit 2 Coal Piles	See Section F.	N/A	See Section F below
29	Section B 7 a	Unit 1 and Unit 2 Coal Piles	Maintain and operate control equipment to maintain compliance with applicable requirements and consistent with manufacturers' specifications and standard operating practices.	Records maintained	Proper Maintenance and Operation of Control Equipment Recordkeeping Method - Continuous
29	Section B 7 b	Unit 1 and Unit 2 Coal Piles	Records regarding the maintenance of the control equipment shall be maintained.	Records maintained	Recordkeeping Method - Continuous
29	Section B 7 c	Unit 1 and Unit 2 Coal Piles	See Section E.	N/A	See Section E below

30	Section B 1 a	Portable Backup Conveyor	Operation of the portable backup conveyor shall not exceed 2400 hours in any 12-consecutive months.	Records maintained	Recordkeeping Method - Continuous
30	Section B 1 b	Portable Backup Conveyor	Take reasonable precautions, including specified activities, to prevent PM from becoming airborne.	Records maintained	Work Practices and Visual Observations Method - Intermittent
30	Section B 1 c	Portable Backup Conveyor	Discharge of visible fugitive dust emissions beyond the property line is prohibited.	Records maintained	Visual Observations Method - Intermittent
30	Section B 4	Portable Backup Conveyor	The permittee shall monitor the amount of material received and processed	Refer to the semiannual report and records maintained.	Monitoring and Recordkeeping Method - Intermittent and Continuous
30	Section B 5	Portable Backup Conveyor	Maintain records of the dates and times of use of the emission unit, and records of the material received and processed	Records maintained	Recordkeeping Method - Continuous
30	Section B 6	Portable Backup Conveyor	See Section F.	N/A	See Section F below
30	Section B 7	Portable Backup Conveyor	See Section E.	N/A	See Section E below

31	Section B 1 a	Fire Pump	RICE requirements do not have to be met as long as the engine meets the definition of emergency stationary RICE in 40 CFR 63.6675 and does not operate or is not contractually obligated to be available more than 15 hours per calendar year for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii).	This engine is an emergency engine. The emergency demand response provision has been vacated. Records maintained	Recordkeeping Method - Continuous

31	Section B 1 b	Fire Pump	Comply with the requirements for an emergency engine at 40 CFR 63.6640(f) and meet the following criteria: 1) operate to provide electrical power or mechanical work during an emergency situation; and 2) operate under limited circumstances for situations not included in (1) above, as specified in 40 CFR 63.6640(f), excluding 40 CFR 63.6640(f)(2)(ii) and (iii).	Engine meets the definition of an emergency stationary RICE. Records maintained	Recordkeeping and Operational Restrictions Method - Continuous and Intermittent
31	Section B 5	Fire Pump	Maintain records of the hours of operation and the purpose for operation of the fire pump.	Records maintained	Recordkeeping Method - Continuous
31	Section B 6	Fire Pump	See Section F.	N/A	See Section F below
32	Section B 2 a	Dry Fly Ash Handling System (for Units 1 and 2)	Shall not emit any continuous emissions into the open air from a control device or stack which is equal or greater than 20 percent opacity.	32-1: 0% 32-2: 0% 32-3: 0%	Visual Observations and Method 9 Method - Intermittent

32	Section B 2 b	Dry Fly Ash Handling System (for Units 1 and 2)	Particulate matter emissions shall not exceed the limit determined according to the table listed in Section B 2 b.	The control equipement was in operation.	Recordkeeping Method - Continuous
32	Section B 3 a	Dry Fly Ash Handling System (for Units 1 and 2)	The permittee shall determine the opacity of emissions from each stack by U.S. EPA Reference Method 9 annually, or more frequently if requested by the Division for Air Quality.	Tests conducted on: 32-1 - 5/20/2022 32-2 - 5/19/2022 32-3 - 5/19/2022	Method 9 Method - Intermittent
32	Section B 3 b	Dry Fly Ash Handling System (for Units 1 and 2)	U.S. EPA Reference Method 5 or 17 shall be performed if required by the Division for Air Quality to determine particulate matter concentration.	N/A - Testing was not requested by the Division for Air Quality	Method 5 or 17 Method - Intermittent

32	Section B 4 a	Dry Fly Ash Handling System (for Units 1 and 2)	The permittee shall perform a qualitative visual observation of emissions from each stack on a weekly basis and maintain a log the observations. If emissions are visible, the permittee shall determine the opacity by Method 9.	Records maintained. Refer to the semiannual report.	Visual Observations and Recordkeeping Method - Intermittent
32	Section B 4 b	Dry Fly Ash Handling System (for Units 1 and 2)	The pressure drop across the bin vent filter shall be monitored and recorded on a continuous basis and compared with the manufacturer's specified operating range.	Refer to the semiannual report.	Monitoring and Recordkeeping Method - Continuous
32	Section B 4 c	Dry Fly Ash Handling System (for Units 1 and 2)	The permittee shall monitor the amount of ash processed in tons and hours of operation per month.	Refer to the semiannual report.	Monitoring and Recordkeeping Method - Intermittent and Continuous
32	Section B 5 a	Dry Fly Ash Handling System (for Units 1 and 2)	The permittee shall maintain records of amount of ash processed.	Records maintained.	Recordkeeping Method - Continuous
32	Section B 5 b	Dry Fly Ash Handling System (for Units 1 and 2)	The permittee shall maintain results of all compliance tests and calculations.	Records maintained.	Recordkeeping Method - Continuous

32	Section B 5 b i	Dry Fly Ash Handling System (for Units 1 and 2)	The permittee shall record each week the date and time of the visible emissions monitoring. If a Method 9 is required, the opacity shall be recorded. In case of an exceedance, the permittee shall record the reason (if known) and the measures taken to minimize or elimiante the exceedance.	Records maintained.	Recordkeeping Method - Continuous
32	Section B 5 b ii	Dry Fly Ash Handling System (for Units 1 and 2)	Pressure drop across the bin vent filter shall be monitored through the use of a continuous recording device. The permittee shall maintain the data. In case of out of range indications, the permittee shall log the date and time of the excursion, the reason (if known) and the measures taken to correct.	Records maintained.	Recordkeeping Method - Continuous
32	Section B 6	Dry Fly Ash Handling System (for Units 1 and 2)	See Section F.	N/A	See Section F below.

32	Section B 7 a	Dry Fly Ash Handling System (for Units 1 and 2)	The control equipment shall be maintained and operated to maintain compliance with permitted emission limitations and consistent with manufacturer's specifications and standard operating practices.	Records maintained.	Recordkeeping Method - Continuous
32	Section B 7 b	Dry Fly Ash Handling System (for Units 1 and 2)	Records regarding maintenance of the control equipment shall be maintained.	Records maintained.	Recordkeeping Method - Continuous
32	Section B 7 c	Dry Fly Ash Handling System (for Units 1 and 2)	See Section E.	N/A	See Section E below
33	Section B 2 a	Dry Bottom Ash Handling System	Shall not emit any continuous emissions into the open air from a control device or stack which is equal or greater than 20 percent opacity.	33-1: 0% 33-2: 0% 33-3: 0% 33-4: 0%	Visual Observations and Method 9 Method - Intermittent
33	Section B 2 b	Dry Bottom Ash Handling System	Particulate matter emissions shall not exceed the limit determined according to the table listed in Section B 2 b.	The control equipement was in operation.	Recordkeeping Method - Continuous

33	Section B 3 a	Dry Bottom Ash Handling System	The permittee shall determine the opacity of emissions from each stack by U.S. EPA Reference Method 9 annually, or more frequently if requested by the Division for Air Quality.	Tests conducted on: 33-1 - 5/19/2022 33-2 - 5/26/2022 33-3 - 5/26/2022 33-4 - 5/26/2022	Method 9 Method - Intermittent
33	Section B 3 b	Dry Bottom Ash Handling System	U.S. EPA Reference Method 5 or 17 shall be performed if required by the Division for Air Quality to determine particulate matter concentration.	N/A - Testing was not requested by the Division for Air Quality	Method 5 or 17 Method - Intermittent
33	Section B 4 a	Dry Bottom Ash Handling System	The permittee shall perform a qualitative visual observation of emissions from each stack on a weekly basis and maintain a log the observations. If emissions are visible, the permittee shall determine the opacity by Method 9.	Records maintained. Refer to the semiannual report.	Visual Observations and Recordkeeping Method - Intermittent and Continuous

33	Section B 4 b	Dry Bottom Ash Handling System	The pressure drop across the bin vent filter shall be monitored and recorded on a continuous basis and compared with the manufacturer's specified operating range.	Refer to the semiannual report.	Monitoring and Recordkeeping Method - Continuous
33	Section B 4 c	Dry Bottom Ash Handling System	The permittee shall monitor the amount of ash processed in tons and hours of operation per month.	Refer to the semiannual report.	Monitoring and Recordkeeping Method - Intermittent and Continuous
33	Section B 5 a	Dry Bottom Ash Handling System	The permittee shall maintain records of amount of ash processed.	Records maintained.	Recordkeeping Method - Continuous
33	Section B 5 b	Dry Bottom Ash Handling System	The permittee shall maintain results of all compliance tests and calculations.	Records maintained.	Recordkeeping Method - Continuous

33	Section B 5 b i	Dry Bottom Ash Handling System	The permittee shall record each week the date and time of the visible emissions monitoring. If a Method 9 is required, the opacity shall be recorded. In case of an exceedance, the permittee shall record the reason (if known) and the measures taken to minimize or elimiante the exceedance.	Records maintained.	Recordkeeping Method - Continuous
33	Section B 5 b ii	Dry Bottom Ash Handling System	Pressure drop across the bin vent filter shall be monitored through the use of a continuous recording device. The permittee shall maintain the data. In case of out of range indications, the permittee shall log the date and time of the excursion, the reason (if known) and the measures taken to correct.	Records maintained.	Recordkeeping Method - Continuous
33	Section B 6	Dry Bottom Ash Handling System	See Section F.	N/A	See Section F below.

33	Section B 7 a	Dry Bottom Ash Handling System	The control equipment shall be maintained and operated to maintain compliance with permitted emission limitations and consistent with manufacturer's specifications and standard operating practices.	Records maintained.	Recordkeeping Method - Continuous
33	Section B 7 b	Dry Bottom Ash Handling System	Records regarding maintenance of the control equipment shall be maintained.	Records maintained.	Recordkeeping Method - Continuous
33	Section B 7 c	Dry Bottom Ash Handling System	See Section E	N/A	See Section E below.
34	Section B 2 a	Lime Storage (Two Silos) for Wastewater Treatment System	The permittee shall not emit any continuous emissions into the open air from a control device or stack which is equal or greater than 20 percent opacity.	No emissions observed.	Visual Observations Method - Intermittent
34	Section B 2 b	Lime Storage (Two Silos) for Wastewater Treatment System	Particulate matter emissions shall not exceed the limit determined according to the table listed in Section B 2 b.	The control equipement was in operation.	Recordkeeping Method - Continuous

34	B 4	Lime Storage (Two Silos) for Wastewater Treatment System	The permittee shall perform a qualitative visual observation of the emissions from the stack on a weekly basis. If emissions are visible, the permittee shall determine the opacity by conducting a Method 9.	Refer to the semiannual report. Records maintained.	Visual Observations, EPA Method 9 and Recordkeeping Method - Intermittent and Continuous
34	B 5	Lime Storage (Two Silos) for Wastewater Treatment System	The permittee shall maintain a log of the qualitative visual observations performed, any visible emissions observed, and the opacity percentage result determined by Method 9.	Records maintained.	Recordkeeping Method - Continuous
34	B 6	Lime Storage (Two Silos) for Wastewater Treatment System	See Section F.	N/A	See Section F below.
34	B 7 a	Lime Storage (Two Silos) for Wastewater Treatment System	The control equipment shall be maintained and operated to maintain compliance with permitted emission limitations and consistent with manufacturer's specifications and standard operating practices.	Records maintained.	Recordkeeping Method - Continuous

34	B 7 b	Lime Storage (Two Silos) for Wastewater Treatment System	Records regarding maintenance of the control equipment shall be maintained.	Records maintained.	Recordkeeping Method - Continuous
34	B 7 c	Lime Storage (Two Silos) for Wastewater Treatment System	See Section E.	N/A	See Section E below.
35	B 1	Cooling Tower (for operation of EU01)	To preclude applicability of 40 CFR 63, Subpart Q, the permittee shall not use chromuium-based water treatment chemicals in the cooling water.	Records maintained.	Recordkeeping Method - Continuous
35	B 2 a	Cooling Tower (for operation of EU01)	Shall not emit any continuous emissions into the open air from a control device or stack which is equal or greater than 20 percent opacity.	< 20%	Proper Operation of the Control Equipment and Recordkeeping Method - Continuous
35	B 2 b	Cooling Tower (for operation of EU01)	Particulate matter emissions shall not exceed the limit determined according to the table listed in Section B 2 b.	The control equipment was in operation.	Proper Operation of the Control Equipment and Recordkeeping Method - Continuous
35	B 4 a	Cooling Tower (for operation of EU01)	The permittee shall monitor the processing rate (gal/hr) for each unit on a monthly basis.	Refer to the semiannual report.	Monitoring and Recordkeeping Methond - Continuous

35	B 4 b	Cooling Tower (for operation of EU01)	The permittee shall monitor total dissolved solids content of the circulating water on a monthly basis.	Refer to the semiannual report.	Monitoring and Recordkeeping Methond - Continuous
35	B 5 a	Cooling Tower (for operation of EU01)	The permittee shall maintain records of the processing rate (gal/hr) on a monthly basis.	Records maintained.	Recordkeeping Method - Continuous
35	B 5 b	Cooling Tower (for operation of EU01)	The permittee shall maintain records of the manufacturer's design of the Drift Eliminators.	Records maintained.	Recordkeeping Method - Continuous
35	B 5 c	Cooling Tower (for operation of EU01)	The permittee shall maintain records of the circulating water and total dissolved solids content on a monthly basis.	Records maintained.	Recordkeeping Method - Continuous
35	B 6	Cooling Tower (for operation of EU01)	See Section F.	N/A	See Section F below.
35	B 7 a	Cooling Tower (for operation of EU01)	The drift eliminators shall be operated and maintained to ensure compliance with applicable requirements consistent with manufacturer's specifications and standard operating practices to ensure the emission unit is in compliance with applicable requirements.	Records maintained.	Proper Operation and Maintenance of the Control Equipment Recordkeeping Method - Continuous

35	B 7 b	Cooling Tower (for operation of EU01)	See Section E.	N/A	See Section E below.
Insignificant Activities	Section C	Applicable Insignificant Activities	Comply with listed 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 D1	All Applicable Units	Compliance with annual limitations shall be based on a consecutive 12-month period.	Refer to the quarterly and semiannual reports	Recordkeeping Method - Continuous

All Applicable Units	D2	All Applicable Units	Emissions of NOx, SO2, PM, PM10 (filterable and condensable), Mercury, VOC, CO, HAP, sulfuric acid, and visible (opacity) emissions, as measured by applicable methods, shall not exceed the limitations specified in the permit.	Refer to the quarterly and semiannual reports. See Section 10c)(1) of this report for identification of any emission units not in compliance	Continuous Monitoring Systems, Visual Observations, and Testing Method - Continuous and Intermittent
All Applicable Units	D3	All Applicable Units	The following units make up the “EKPC System”: Cooper 1 and 2, Dale 3 and 4, Spurlock 1 and 2.	N/A	N/A
All Applicable Units	D4	All Applicable Units	Comply with a System-Wide 12-Month Rolling Tonnage limit for NOx of 8000 tons within the “EKPC System” commencing on 1/1/2015.	< 8,000 tons See DEP7007CC 10a) Attachment 1	Certified CEMS and Recordkeeping Method - Continuous
All Applicable Units	D5	All Applicable Units	Comply with a System-Wide 12-Month Rolling Tonnage limit for SO2 of 28000 tons within “EKPC System” commencing on 1/1/2013.	< 28,000 tons See DEP7007CC 10a) Attachment 2	Certified CEMS and Recordkeeping Method - Continuous
All Applicable Units	D6	All Applicable Units	Definition of “System-Wide 12-Month Rolling Tonnage.”	N/A	N/A

All Applicable Units	D7	All Applicable Units	Performance standards, emission limits, and other quantitative standards set by or under the Consent Decree shall be met to the number of significant digits in which the standard or limit is expressed. Report data to the number of significant digits in which the standard or limit is expressed.	N/A	N/A
All Applicable Units	D8	All Applicable Units	If intend to exclude a period of Malfunction as defined in Paragraph 22 of the CD, from the calculation of CD emission rates, notify the United States in writing as soon as practicable but no later than 21 days following the date the malfunction occurs.	N/A	Reporting Method - Intermittent
All Applicable Units	D9	All Applicable Units	CD definition of “Force Majeure Event” and procedural requirements for notice and resolution of Force Majeure Events.	N/A	Reporting Method - Intermittent
All Applicable Units	D10	All Applicable Units	CD definitions.	N/A	N/A

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 unless noted in Section 8b)2) of this report	Proper Operation and Maintenance of Facility and Control Equipment Recordkeeping Method - Continuous
All Applicable Units	Section F	All Applicable Units	Monitoring, Recordkeeping and reporting.	Monitoring, recordkeeping and reporting completed as required	Recordkeeping, Monitoring 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	Renewal application submitted on October 13, 2020	Recordkeeping and Reporting Method - Continuous and Intermittent
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.	Refer to notifications submitted to the Division on 9/9/2022.	Reporting Method - Intermittent
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 - Continuous and Intermittent
All Applicable Units	Section G 6	All Applicable Units	Acid rain program requirements.	The appropriate submittals were made on time.	Recordkeeping and Reporting Method - Continuous and Intermittent
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	Recordkeeping and Reporting Method - Continuous and Intermittent

Units 1 and 2	Section I 1	Electric Generating Unit	Demonstrate a PM Emission Rate no greater than 0.030 lb/MMBtu OR undertake an upgrade of existing PM emissions control equipment for either or both Units 1 and 2.	< 0.030 lb/MMBtu Upgrade analysis completed and submitted to and accepted by EPA	Stack Testing and Recordkeeping Method - Intermittent and Continuous
Units 1 and 2	Section I 2	Electric Generating Unit	If PM Emission Rate of 0.030 lb/MMBtu or less is demonstrated, operate the unit to maximize PM emission reductions consistent with operational design and safety requirements and maintain a PM Emission Rate no greater than 0.030 lb/MMBtu.	< 0.030 lb/MMBtu Upgrade analysis completed and submitted to and accepted by EPA	N/A
Units 1 and 2	Section I 3	Electric Generating Unit	If PM Emission Rate of 0.030 lb/MMBtu is not option selected, prepare, submit and implement a PM Pollution Control Upgrade Analysis that complies with the requirements listed in the permit.	N/A	N/A

Unit 4	Section I 4	Electric Generating Unit	No later than April 16, 2013 comply with 40 CFR 63 Subpart UUUUU except that permittee may request an extension of the compliance date for the startup/shutdown work practice standards and tune up work practice standards due to pending petition for partial reconsideration of the standards.	Refer to Notification of Compliance Status and semiannual reports	Testing, CEMS, Sorbent Trap Monitoring and Work Practices Method - Continuous and Intermittent
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 with 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)*

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.

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

Section CC.4: Notes, Comments, and Explanations