

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> DTE Electric Company - Monroe Power Plant	<b>SRN :</b> B2816
<b>Location :</b> 3500 EAST FRONT STREET	<b>District :</b> Jackson
	<b>County :</b> MONROE
<b>City :</b> MONROE <b>State:</b> MI <b>Zip Code :</b> 48161	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Brian Carley
<b>FCE Begin Date :</b> 8/1/2023	<b>FCE Completion Date :</b> 9/16/2024
<b>Comments :</b>	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
09/11/2024	ROP Other	Compliance	Semi Annual Monitoring report Deviation Jan-June 2024 They reported no deviations for the reporting period. The report is acceptable as submitted.
09/11/2024	Stack Test	Compliance	Compliance test report This was retest of H2SO4 stack test. They reported that they passed the stack test. Unless TPU determines otherwise, the report is acceptable as submitted.
09/11/2024	ROP Other	Compliance	Summary of the high-volume sampler data for teh Dock Sampler (8001032) and Dunbar Road Sampler (8001031) They report no exceedances of the NAAQS PM10 standard. The report is acceptable as submitted.
09/11/2024	Stack Test	Compliance	Emission tests for PM, PM10, VE's, H2SO4 mist, HCl, HF, Arsenic, Lead, Mercury, and VOCs on Units 3 and 4 They reported that they passed the stack tests for all pollutants. Unless TPU determines otherwise, the report is acceptable as submitted.

Activity Date	Activity Type	Compliance Status	Comments
08/01/2024	Excess Emissions (CEM)	Compliance	Excess emissions downtime report They reported 2 hours of excess emissions of SO2 on Unit 4 due to control system malfunction. They corrected this by installing updates to the system. Unless TPU determines otherwise, the report is acceptable as submitted.
07/19/2024	Other	Compliance	Response to VN issues on 7/1/2024 Based on the response, I consider the VN resolved.
07/10/2024	On-site Inspection	Compliance	Scheduled on-site inspection
06/10/2024	Rule 912	Compliance	They reported an abnormal condition that resulted in an exceedance of the SO2 emission limit on Unit 4. They reported that they noticed a malfunction of the FGD and immediately started shutdown procedures. During that shutdown, they exceeded the SO2 limit. During startup, they discovered another issue and shutdown again which also had exceedances of the SO2 limit. They detailed the procedures that were taken to minimize the SO2 emissions while taking the unit down safely. They will be reporting this exceedance on their second quarter EER. No further action is needed. The report is acceptable as submitted.
06/10/2024	ROP R215 Notification	Compliance	A Rule 215(3) request was submitted for an alternative record submittal procedure. MATS requires that the facility report MATS reports into an EPA database starting Jan. 1, 2024. However, EPA has stated that the database is not ready and is allowing states to approve alternative record submittals. We have approved the facility to continue reporting as they have prior to Jan. 1, 2024 until the EPA database become available. The request is acceptable as submitted.
05/20/2024	ROP Monthly	Compliance	Hi volume samplers, daily data report for PM 10 March 2024 No excursions were reported. The report is acceptable as submitted.

Activity Date	Activity Type	Compliance Status	Comments
05/20/2024	Excess Emissions (CEM)	Compliance	CO, CO2, NOx, SO2, Hg, and PM Excess Emission and downtime reports, 1st Qtr CEMS QA/QC tests They reported no excess emissions for the reporting period. The report is acceptable as submitted.
05/20/2024	ROP Monthly	Compliance	Hi volume samplers, Monroe Power Plant, Daily Data Report for PM 10, April 2024 They reported no excursions for the reporting period. The report is acceptable as submitted.
05/06/2024	Annual Emissions Report (or MAERS)	Compliance	MAERS submitted The report was for all 3 sections. The report is acceptable as submitted.
03/29/2024	ROP SEMI 2 CERT	Compliance	During the entire reporting period, this source was in compliance with ALL terms The report is acceptable as submitted.
03/29/2024	CAM Excursions/Exceedances	Compliance	During the entire reporting period, this source was in compliance with ALL terms They reported that they did not have any exceedances or excursions during the reporting period. The report is acceptable as submitted.
03/29/2024	MACT (Part 63)	Compliance	40 CFR 63 Subpart DDDDD compliance report The report is acceptable as submitted.
03/29/2024	ROP Other	Compliance	Hi-Volume Samplers, Monroe Power Plant, Daily Data Report for PM10, February They reported no exceedances of the NAAQS. The report is acceptable as submitted.
03/29/2024	ROP SEMI 2 CERT	Compliance	During the entire reporting period, this source was in compliance with ALL terms and conditions contained in the ROP. The report is acceptable as submitted.
03/29/2024	CAM monitor downtime	Compliance	The monitor downtime had been previously reported in quarterly EERs. The report is acceptable as submitted.
03/29/2024	NSR Emissions Report	Compliance	The report is acceptable as submitted.
03/29/2024	ROP Other	Compliance	A2A Emission Comparison Reports The report is acceptable as submitted.
03/29/2024	ROP Annual Cert	Compliance	During the entire reporting period, this source was in compliance with ALL terms and conditions contained in the ROP. The report is acceptable as submitted.

Activity Date	Activity Type	Compliance Status	Comments
03/29/2024	CEM RATA	Compliance	PM RCA EU-Unit 4 They reported that they passed the RCA. Unless TPU determines otherwise, the report is acceptable as submitted.
03/29/2024	ROP Annual Cert	Compliance	During the entire reporting period, this source was in compliance with ALL terms The report is acceptable as submitted.
03/29/2024	ROP SEMI 2 CERT	Compliance	During the entire reporting period, this source was in compliance with ALL terms The report is acceptable as submitted.
02/21/2024	ROP Monthly	Compliance	Hi volume samplers, Monroe Power Plant, Daily Data Report for PM10, January 2024 They reported no exceedances of the NAAQS for PM10. They accidentally used the same filter twice on two different occasions, but the result of the analysis of those filters were still under the NAAQS for PM10. The report is acceptable as submitted.
02/14/2024	CEM RATA	Compliance	ROP Emission Test Report - Hg RATA EU-Unit 1 and EU-Unit2 They reported that both Hg CEMS RATA for Units 1 & 2 had passed. Unless TPU determines otherwise, the report is acceptable as submitted.
02/14/2024	Stack Test	Compliance	PM 2.5 EU-Cascades (SV-D3) They reported that they passed the stack test. Unless TPU determines otherwise, the report is acceptable as submitted.
02/14/2024	CEM RATA	Compliance	ROP Emission Test Report - Hg RATA EU-Unit3 The report showed the Hg CEMS for Unit 3 passed its RATA. Unless TPU determines otherwise, the report is acceptable as submitted.
02/14/2024	CEM RATA	Compliance	ROP Emission Test Report - Hg RATA EU Unit 4 The report showed the Hg CEMS for Unit 4 passed the RATA. Unless TPU determines otherwise, the report is acceptable as submitted.
01/31/2024	Excess Emissions (CEM)	Compliance	CO, CO2, SO2, Hg, and PM Excess Emission and Downtime Reports They reported no excess emissions for the reporting period. Unless TPU determines otherwise, the report is acceptable as submitted.

Activity Date	Activity Type	Compliance Status	Comments
01/24/2024	CEM RATA	Compliance	PM Emission Test Report - EU-Unit 1 The Unit 1 RCA testing did not meet the required criteria. Section 10.6 of Procedure 2 outlines actions to be taken If an RCA does not meet passing criteria. After performing statistical analysis of the data, It was determined the data meets the criteria of developing a new curve using procedures In PS-11, except the minimum number of runs Is 12 Instead of 15, A new linear equation was Introduced Into the PMCEMS and backdated to December 6 at 14:42. Table 2 provides the new curve and equation. Unless TPU determines otherwise, the report is acceptable as submitted.
01/24/2024	CEM RATA	Compliance	Additional monitoring reports ROP Emission Test Report - PM RCA EU-Unit 3 Per the report, the PM CEMS passed the RCA. Unless TPU determines otherwise, the report is acceptable as submitted.
01/19/2024	ROP Monthly	Compliance	Hi-Volume Samplers, Monroe Power Plant, Daily Data Report for PM10, November 2023 They reported that they did not exceed the NAAQS limit. The report is acceptable as submitted.
01/19/2024	ROP Monthly	Compliance	Hi-Volume Samplers, Monroe Power Plant, Daily Data Report for PM10, Dec. 2023 They reported that they did not exceed the NAAQS limit. The report is acceptable as submitted.
11/06/2023	ROP Monthly	Compliance	Hi Volume Samplers, Monroe Power Plant, Daily Data Report for PM10, September 2023 They reported that they did not exceed the NAAQS standard. The report is acceptable as submitted.
10/12/2023	Stack Test	Compliance	Compliance test report for PM2.5 Testing Unless TPU determines otherwise, the report is acceptable as submitted.
09/19/2023	CAM Excursions/Exceedances	Compliance	CAM Excursions Report, per FG-COALBLRCAM VII.4 They did not report any excursions or exceedances. The report is acceptable as submitted.

Activity Date	Activity Type	Compliance Status	Comments
09/19/2023	CAM monitor downtime	Compliance	CAM Monitor Downtime Report, per FG-COALBLRCAM VII.4 They reported monitor downtime due to routine maintenance, QA/QC, monitor repairs. These monitor downtimes were previously reported in quarterly EERs. The report is acceptable as submitted.
09/18/2023	ROP Semi 1 Cert	Compliance	During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred. The report is acceptable as submitted.
09/18/2023	ROP Semi 1 Cert	Compliance	During the entire reporting period ALL monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms occurred EXCEPT for deviations identified They reported 1 deviation, which a VN had already been issued for and it has been resolved. The report is acceptable as submitted.
08/07/2023	Excess Emissions (CEM)	Compliance	CO, CO2, NOx, SO2, Hg and PM Excess Emission and downtime reports, 2nd qtr QA/QC tests They reported one excess emission on Unit 2 for SO2 that lasted 20 hours due to control equipment problems. They had submitted a Rule 912 letter addressing this on June 19, 2023. A VN was sent and is now considered resolved. The report is acceptable as submitted.
08/07/2023	ROP Semi 1 Cert	Compliance	During the entire reporting period, ALL monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred The report is acceptable as submitted.
08/07/2023	Malfunction Abatement Plan	Compliance	DTE submitted an updated MAP due to a SO2 exceedance caused by a control equipment malfunction per the requirements of their ROP. The updated MAP is acceptable as submitted.

Name: Brian Carley Date: 9/17/2024

Supervisor: 