

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : DTE Electric Company - Renaissance Power Plant	SRN : N6873
Location : 950 N. Division Street	District : Grand Rapids
	County : MONTCALM
City : CARSON CITY State: MI Zip Code : 48811	Compliance Status : Compliance
Source Class : MAJOR	Staff : Kaitlyn DeVries
FCE Begin Date : 5/10/2022	FCE Completion Date : 5/9/2023
Comments : FY 2023 FCE	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
05/08/2023	Excess Emissions (CEM)	Compliance	<p>The 4th Quarter 2022 Excess Emission & Monitoring System Performance Reports. Linearity reports and Cylinder Gas Audit (CGA) reports were also included.</p> <p>The units had operating times of 0 hours (Unit 1), 397 hours (Unit 2), 158 hour (Unit 3), and 174 hours (Unit 4). None of the units reported downtime or excess emission. Unit 3 had previously reported a malfunction, but is not considered excess emissions as it occurred during scheduled maintenance of the unit and the unit was subsequently shutdown.</p> <p>The linearity and CGA reports indicated passing results, no issues were noted.</p>
05/08/2023	ROP SEMI 2 CERT	Compliance	The Semi-annual compliance report pursuant to MI-ROP-N6873-2020 was received on time and complete (Postmarked 3/14/23). No deviations were reported.
05/08/2023	ROP Annual Cert	Compliance	The annual compliance report pursuant to MI-ROP-N6873-2020 was received on time and complete (Postmarked 3/14/23). No deviations were reported for the reporting period.

Activity Date	Activity Type	Compliance Status	Comments
05/08/2023	Excess Emissions (CEM)	Compliance	<p>The 1st Quarter 2023 Excess Emissions & Monitoring System Performance Report pursuant to MI-ROP-N6873-2020 was received on time and complete. Linearity reports and Cylinder Gas Audit (CGA) reports were also included.</p> <p>The units had operating times of 193 hours (Unit 1), 112 hours (Unit 2), 233 hour (Unit 3), and 0 hours (Unit 4). None of the units reported downtime or excess emissions.</p> <p>The linearity and CGA reports indicated passing results, no issues were noted.</p>
05/04/2023	On-site Inspection	Compliance	<p>The purpose of this inspection was to determine compliance with MI-ROP-N6873-2020 and recently issued Permit to Install (PTI) No. 44-23 and any other applicable rules and regulations.</p>
11/21/2022	Excess Emissions (CEM)	Compliance	<p>The 3rd Quarter 2022 Excess Emission & Monitoring System Performance Reports pursuant to MI-ROP-N6873-2020 was received on time and complete. Linearity reports and Cylinder Gas Audit (CGA) reports were also included.</p> <p>The units had operating times of 163 hours (Unit 1), 247 hours (Unit 2), 244 hour (Unit 3), and 101 hours (Unit 4). None of the units reported downtime or excess emissions.</p> <p>The linearity and CGA reports indicated passing results, no issues were noted.</p>
10/10/2022	ROP Semi 1 Cert	Compliance	<p>The semi-annual compliance report pursuant to MI-ROP-N6873-2020 was received on time and complete (Postmarked 9/14/22). No deviations were reported for the reporting period.</p>

Activity Date	Activity Type	Compliance Status	Comments
10/10/2022	CEM RATA	Compliance	The Relative Accuracy Test Audit (RATA) reports for NOx, CO and O2 for Units 1, 2, & 3 were received on time and complete. While the results need to be reviewed by AQD's TPU, the results for all four (units) for NOx, CO, and O2 indicate passing results.
08/23/2022	Excess Emissions (CEM)	Compliance	<p>The 2nd Quarter 2022 Excess Emissions Report pursuant to MI-ROP-N6873-2020 was received for Units 01, 02, 03, and 04. Linearity reports and Cylinder Gas Audit (CGA) reports were also included.</p> <p>The units had operating times of 89 hours (Unit 1), 77 hours (Unit 2), 131 hour (Unit 3), and 120 hours (Unit 4). None of the units reported any downtime or any excess emissions.</p> <p>The linearity and CGA reports indicated passing results, no issues were noted.</p>
05/18/2022	Excess Emissions (CEM)	Compliance	<p>The required 1st Quarter 2022 Excess Emissions Report pursuant to MI-ROP-N6873-2020 was received for Units 01, 02, 03, and 04. Linearity reports and Cylinder Gas Audit (CGA) reports were also included.</p> <p>The units had operating times of 88 hours (Unit 1), 16 hours (Unit 2), 1 hour (Unit 3), and 415 hours (Unit 4). Only Units 2 and 4 reported any CEMS downtime reporting 6.25% (1 hours) for CO CEMS downtime for Unit 2 and 0.7% (3 hours) for NOx and 0.5% (2 Hours) for CO CEMS downtime, respectively, for Unit 4. None of the units reported any excess emissions. The downtimes were due to QA calibrations.</p> <p>The linearity and CGA reports indicated passing results, no issues were noted.</p>

Name:

Koulym Del

Date:

5/19/2023

Supervisor:

