

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : DETROIT RENEWABLE POWER, LLC		SRN : M4148
Location : 5700 RUSSELL ST		District : Detroit
		County : WAYNE
City : DETROIT	State: MI Zip Code : 48211	Compliance Status : Non Compliance
Source Class : MAJOR	Staff : Todd Zynda	
FCE Begin Date : 4/20/2016	FCE Completion Date :	4/20/2017
Comments : See MACES report CA_M414839452 for noncompliance issues identified during the April 20, 2017 inspection.		

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
04/20/2017	Scheduled Inspection	Non Compliance	Scheduled Inspection
04/11/2017	Other	Compliance	2016 MAERS Review
04/11/2017	MAERS	Compliance	
04/11/2017	ROP Other	Compliance	2016 MAERS ROP Certification Form
04/04/2017	ROP Annual Cert	Non Compliance	The facility failed to report combustion temperature excursions and flue gas oxygen content excursions. A violation notice will be issued. 1-hour CO, 24-hour CO, and 24-hour SO2 emission exceedances were documented in violation notices dated March 4, 2016 and May 19, 2016.
04/04/2017	ROP SEMI 2 CERT	Non Compliance	The facility failed to report combustion temperature excursions and flue gas oxygen content excursions. A violation notice will be issued.
04/04/2017	Other	Non Compliance	4th Quarter 2016 - Excess Emission Report Review
03/30/2017	Other	Non Compliance	3rd Quarter 2016 - Excess Emission Report Review
03/30/2017	Excess Emissions (CEM)	Non Compliance	Please see MACES report CA_M414839109.

Activity Date	Activity Type	Compliance Status	Comments
03/06/2017	NSPS (Part 60)	Non Compliance	Annual and Semi-Annual Subpart Cb Reporting - A Violation Notice issued on March 4, 2016 for Boiler #12 CO emission exceedances of both 1-hour block average and 24-hour block average on February 14, 2016. A Violation Notice issued on May 19, 2016 for Boiler #12 SO2 emission exceedance on April 4 and 21, 2016.
01/23/2017	Stack Test	Compliance	Boiler #11 Stack Test Report and RATA Report - Testing report indicates that the facility is in compliance with all emission limits included in MI-ROP-M4148-2011a. The RATA report indicates that the CEMS met 40 CFR Part 60, Appendix B & F requirements.
01/23/2017	Stack Test	Compliance	Boiler #12 Stack Test Report and RATA Report - Testing report indicates that the facility is in compliance with all emission limits included in MI-ROP-M4148-2011a. The RATA report indicates that the CEMS met 40 CFR Part 60, Appendix B & F requirements.
01/23/2017	Stack Test	Compliance	Boiler #13 Stack Test Report and RATA Report - Testing report indicates that the facility is in compliance with all emission limits included in MI-ROP-M4148-2011a. The RATA report indicates that the CEMS met 40 CFR Part 60, Appendix B & F requirements.
12/21/2016	Stack Test	Compliance	Shredder Stacks and Ash Handling Building Stack Test Report - PM emissions from the primary and secondary shredder stacks were less than the emission limit in MI-ROP-M4148-2011a. Visible emissions from the ash handling building were reported as zero.
11/30/2016	Excess Emissions (CEM)	Non Compliance	Please see MACES report CA_M414839124.
10/09/2016	Complaint Investigation	Non Compliance	October 9, 2016 Complaint Investigation
10/03/2016	Stack Test Observation		Stack Testing and RATA Observation - 10/3/2016 through 10/7/2016, 10/11/2016 through 10/14/2016, 10/17/2016, and 10/18/2016

Activity Date	Activity Type	Compliance Status	Comments
10/02/2016	Complaint Investigation	Compliance	October 2, 2016 Complaint Investigation
09/29/2016	NSPS (Part 60)	Non Compliance	Subpart Cb Reporting - A Violation Notice issued on March 4, 2016 for Boiler #12 CO emission exceedances of both 1-hour block average and 24-hour block average on February 14, 2016. A Violation Notice issued on May 19, 2016 for Boiler #12 SO2 emission exceedance on April 4 and 21, 2016.
09/28/2016	ROP Other	Compliance	2015 MAERS ROP Certification Form
09/27/2016	ROP Semi 1 Cert	Non Compliance	The company reported 100 deviations during the reporting period. Out of the 100 deviations, 86 of them are regarding to CO exceedances of the 1-hour block average. 17 of the CO 1-hour block exceedances occurred during startup period & were in compliance with the corresponding emission limit. Since the total hours of the CO 1-hour block exceedances was < 1% of the total operational hours, the company was expected to operate in compliance with the ROP requirements during the reporting period. A Violation Notice issued on September 2, 2016 for failure to conduct CGAs on all boilers for SO2, Nox, CO, and O2 (CEMS monitor downtime). A Violation Notice issued on March 4, 2016 for Boiler #12 CO emission exceedances of both 1-hour block average and 24-hour block average on February 14, 2016. A Violation Notice issued on May 19, 2016 for Boiler #12 SO2 emission exceedance on April 4 and 21, 2016.
09/25/2016	Complaint Investigation	Compliance	Odor complaint investigation
09/24/2016	Complaint Investigation	Non Compliance	September 24, 2016 Complaint Investigation
09/23/2016	Complaint Investigation	Non Compliance	September 23, 2016 Complaint Investigation
09/16/2016	Complaint Investigation	Compliance	September 16, 2016 Complaint Investigation

Activity Date	Activity Type	Compliance Status	Comments
09/12/2016	Excess Emissions (CEM)	Non Compliance	Facility reports monitor downtime for CO, NOx, SO2, and O2 for all three boilers. Monitor downtime is the result of the facility failing to conduct a cylinder gas audit of each CEMS (CO, NOx, SO2, and O2). A VN was issued on 9/8/2016 for these instances. The facility reports two SO2 24-hour emission violations. A VN was issued on 5/19/16 for these emission limit violations as they were reported in a Rule 912 Report.
09/05/2016	Complaint Investigation		September 5, 2016 Complaint Investigation
09/04/2016	Complaint Investigation	Non Compliance	September 4, 2016 Complaint Investigation
09/03/2016	Complaint Investigation	Compliance	Odor complaint investigation
09/03/2016	Complaint Investigation		September 3, 2016 Morning Investigation
08/29/2016	Complaint Investigation	Non Compliance	August 29, 2016 Complaint Investigation
08/24/2016	Complaint Investigation		August 24, 2016 Complaint Investigation
08/21/2016	Complaint Investigation	Non Compliance	August 21, 2016 Complaint Investigations
08/07/2016	Complaint Investigation	Non Compliance	Odor complaint investigations
08/05/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
08/02/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/31/2016	Complaint Investigation	Non Compliance	Odor complaint investigations
07/30/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/29/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/26/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/24/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/22/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
07/19/2016	Complaint Investigation	Compliance	July 19, 2016 Complaint Investigation
07/10/2016	Complaint Investigation	Non Compliance	July 10, 2016 Complaint Investigations

Activity Date	Activity Type	Compliance Status	Comments
07/04/2016	Complaint Investigation		July 4, 2016 Complaint Investigation
07/03/2016	Complaint Investigation		July 3, 2016 Morning Complaint Investigation
06/29/2016	Complaint Investigation	Compliance	Odor survey
06/27/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
06/27/2016	Scheduled Inspection	Non Compliance	Annual insepction
06/22/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
06/21/2016	Complaint Investigation	Non Compliance	Odor complaint investigation
06/12/2016	Complaint Investigation	Non Compliance	June 12, 2016 Complaint Investigation
06/08/2016	Complaint Investigation		PEAS No. 14711 Complaint Investigation
06/05/2016	Complaint Investigation	Compliance	June 5, 2016 Complaint Investigation
05/31/2016	Complaint Investigation	Compliance	May 31, 2016 Complaint Investigation
05/21/2016	Complaint Investigation	Compliance	May 21, 2016 Complaint Investigation

Name: 

Date: 5/16/17

Supervisor: W.M.