

B 6145 - FCE - 20150807

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : DTE - Electric Company GREENWOOD ENERGY CENTER	SRN : B6145
Location : 7000 KILGORE RD.	District : Southeast Michigan County : SAINT CLAIR
City : AVOCA State: MI Zip Code : 48006	Compliance Status : Compliance
Source Class : MAJOR	Staff : Francis Lim
FCE Begin Date : 09/28/2013	FCE Completion Date : 9/28/2015
Comments : revised FCE report	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/14/2015	Excess Emissions (CEM)	Compliance	Quarterly Excess Opacity Emissions Report, per EUBOILER1.VII.6: Excess emissions 0.0% for 0 minutes. Quarterly Excess Emission Monitoring System Performance Reports, per EUBOILER1.VII.4: NOx EE 0.0% and 1.4% CEM downtime. Quarterly report of monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7: EE 0.0% and 1.4% CEM downtime.
08/07/2015	Scheduled Inspection	Compliance	
05/08/2015	Excess Emissions (CEM)	Compliance	Quarterly Excess Opacity Emissions Report, per EUBOILER1.VII.6. Quarterly Excess Emission Monitoring System Performance Reports, per EUBOILER1.VII.4. Quarterly report of monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7. 0.00 lb SO2/mmBtu reported for January, February and March 2015.
03/26/2015	ROP Annual Cert	Compliance	Zero deviations reported.
03/26/2015	ROP SEMI 2 CERT	Compliance	Zero deviations reported.
03/19/2015	ROP SEMI 2 CERT	Compliance	Zero deviations reported.
03/19/2015	ROP Annual Cert	Compliance	Zero deviations reported.

Activity Date	Activity Type	Compliance Status	Comments
03/19/2015	NSR Emissions Report	Compliance	2014 NSR Emissions Report for Greenwood Energy Center - Unit 1. Reported emissions change for the following pollutants: NOx minus 167 tons per year (tpy), PM minus 17 tpy, SO2 minus 45 tpy, and CO2 minus 181,336 tpy.
01/06/2015	ROP Other	Compliance	FGBLR NOx Allowance Deduction Information per Table E-01.1, Sec. VI.2.
01/06/2015	ROP Other	Compliance	FG-CTGS NOx Allowance Deduction Information per D2, Sec. IX.4.
10/28/2014	ROP Qrtly Cert	Compliance	Quarterly Excess Opacity Emissions Report, per EUBOILER1.VII.6 Quarterly Excess Emission Monitoring System Performance Reports, per EUBOILER1.VII.4 Quarterly report of monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7. Zero excess emissions and zero monitor downtime reported.
09/25/2014	ROP Semi 1 Cert	Compliance	Zero deviations reported.
09/22/2014	NESHAP (Part 61)	Compliance	EUEASTAUXBLR Notification of Compliance (Tune Up) 40CFR63 Subpart DDDDD. Note: this notification is only for the initial compliance tune up demonstration. The energy assessment and associated notification for those activities will be completed at a later date per this report.
09/03/2014	ROP Semi 1 Cert	Compliance	Zero deviations reported.
08/05/2014	ROP Qrtly Cert	Compliance	0.0% excess emissions and 0.8% CEM downtime. Quarterly Excess Opacity Emissions Report, per EUBOILER1.VII.6 Quarterly Excess Emission Monitoring System Performance Reports, per EUBOILER1.VII.4 Quarterly report of monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7
06/24/2014	ROP Other	Compliance	Updated Notification of Fuel Switching on East Auxiliary Boiler (EUEASTAUXBOILER). Report submitted in a timely manner.

Activity Date	Activity Type	Compliance Status	Comments
06/18/2014	MACT (Part 63)	Compliance	Notice of fuel switching on East Auxiliary Boiler (EUEASTAUXBOILER). The conversion from using #2 fuel oil to natural gas was complete on or about June 14, 2014.
05/14/2014	ROP Qrtly Cert	Compliance	Out of 101 hours operating time, zero excess emissions reported and 3.0% CEM down time reported. Quarterly Excess Opacity Emissions Report, per EUBOILER1.VII.6 Quarterly Excess Emission Monitoring System Performance Reports, per EUBOILER1.VII.4 Quarterly report of monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7
04/18/2014	NSR Emissions Report	Compliance	2013 NSR Emissions Report for Greenwood Energy Center. Actual emissions for 2013 were below the March 2011 through February 2013 baseline emissions.
04/14/2014	ROP Annual Cert	Compliance	One deviation reported related to an opacity exceedance on 1/11/2013.
04/14/2014	ROP SEMI 2 CERT	Compliance	Zero deviations reported.
04/14/2014	MAERS	Compliance	MAERS Certification - Section 1. Report received in a timely manner.
04/14/2014	ROP Annual Cert	Compliance	One opacity deviation reported.
04/14/2014	ROP SEMI 2 CERT	Compliance	Zero deviations reported for the semi-annual report period.
03/11/2014	ROP Other	Compliance	FGBLR NOx Allowance Deduction Information per Table E-01.1, Sec. VI.2.
03/11/2014	ROP Other	Compliance	FG-CTGS NOx Allowance Deduction Information per D2, Sec. IX.4.
02/19/2014	ROP Qrtly Cert	Compliance	Quarterly Excess Opacity Emissions Report, per EUBOILER1.VII.6 Quarterly Excess Emission Monitoring System Performance Reports, per EUBOILER1.VII.4 Quarterly report of monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7 NOTE: Permittee will resubmit report due to opacity CEM downtime calculation error. Report resubmitted 02/03/2014.

Activity Date	Activity Type	Compliance Status	Comments
02/19/2014	ROP Qrtly Cert	Compliance	Corrected report indicates zero excess emissions and zero CEM downtime. Quarterly Excess Opacity Emissions Report, per EUBOILER1.VII.6 Quarterly Excess Emission Monitoring System Performance Reports, per EUBOILER1.VII.4 Quarterly report of monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7
12/17/2013	ROP Other	Compliance	FGBLR NOx Allowance Deduction Information per Table E-01.1, Sec. VI.2. NOx allowance compliance is not evaluated by the district office.
10/30/2013	ROP Qrtly Cert	Compliance	Section 1 Excess Opacity, NOx and SO2 Emissions Report, per EUBOILER1.VII.6, acceptable Section 1 Monitoring System Performance Reports, per EUBOILER1.VII.4, acceptable Section 1 Monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7, acceptable
10/01/2013	ROP Qrtly Cert	Compliance	Quarterly Excess Opacity Emissions Report, per EUBOILER1.VII.6, acceptable; Quarterly Excess Emission Monitoring System Performance Reports, per EUBOILER1.VII.4, acceptable; Quarterly report of monthly average Sulfur Dioxide Emission Rate, per EUBOILER1.VII.7, acceptable
10/01/2013	ROP Semi 1 Cert	Compliance	Section 1 Semi01-13 submitted timely. Deviations due to opacity exceedance. Opacity exceedance not considered excessive.
10/01/2013	ROP Semi 1 Cert	Compliance	Section 2 Greenwood Semi01-13 submitted timely, no deviations.
10/01/2013	ROP Other	Compliance	Filterable PM Testing report, per EUBOILER1, V.2, passed.

Name:

J.A. V.

Date:

10-22-15

Supervisor:

CJE