

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Michigan Power Limited Partnership	SRN : N4975
Location : 5795 W. 6th Street	District : Cadillac
	County : MASON
City : LUDINGTON State: MI Zip Code : 49431	Compliance Status : Compliance
Source Class : MAJOR	Staff : Caryn Owens
FCE Begin Date : 8/19/2019	FCE Completion Date : 8/19/2020
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/19/2020	Scheduled Inspection	Compliance	Scheduled Inspection and Records Review.
08/10/2020	Excess Emissions (CEM)	Compliance	2020 2nd quarter NOx & CO EER/CGA. Turbine-HRSG excess emissions were 0% for NOx & CO. Turbine HRB-001 monitor downtime was 0.2% for NOx for QA calibration and no downtime for CO. For Boiler A and Boiler B no excess emissions or monitor downtime.
08/03/2020	Excess Emissions (CEM)	Compliance	2020 1st quarter NOx & CO EER/CGA. Turbine-HRSG, Boiler A and Boiler B no excess emissions, and 0% monitor downtime.
05/05/2020	MAERS	Compliance	Preparer has used the same EFs and SCC codes as previous years submittal. MAERs EFs were used to estimate emissions for emissions associated with the Fire pump and generator. The boiler emissions were estimated using a combination of maers and other EFs. RGturbine/HRSG utilized CEMS data for emissions. Appropriate backup documentation was included in submittal. sgl

Activity Date	Activity Type	Compliance Status	Comments
02/07/2020	ROP Annual Cert	Compliance	2019 Annual Report Cert, 11 deviations listed for CEMS problems, Previously reported in EERs. Certification timely and also covers CAM excursion/exceedance and CAM monitor downtime.
02/07/2020	ROP SEMI 2 CERT	Compliance	2019 2nd semi-Annual Report Cert, 5 deviations listed for CEMS problems previously reported in EER. Certification is timely and also covers Annual Cert., CAM excursion/exceedance and CAM monitor downtime.
02/07/2020	CAM Excursions/Exceedances	Compliance	2019 2nd CAM Semi-annual CAM Excursions or Exceedance report. No CAM Excursions or Exceedances reported.
02/07/2020	CAM monitor downtime	Compliance	2019 CAM 2nd qtr Semi-annual Monitor downtime report. One incidence of monitor (CEMS) downtime. due to calibration of analyzer.
01/24/2020	Excess Emissions (CEM)	Compliance	2019 4th quarter NOx & CO EER/CGA. Turbine-HRSG excess emissions were 0 % for NOx & CO. Turbine HRB-001 monitor downtime was 0.2% for NOx and CO. Boiler A and Boiler B no excess emissions and Boiler A and Boiler B each had .1% monitor downtime.
12/20/2019	CEM RATA	Compliance	The results of the annual RATA were within the Relative Accuracy limits for FGTURBINES/HRSG, EUBOILERA and EUBOILERB. Report was received within 60 days from testing.
11/06/2019	Excess Emissions (CEM)	Compliance	2019 3rd quarter NOx & CO EER/CGA. Turbine-HRSG excess emissions were 0% for NOx & CO. Turbine HRB-001 monitor downtime was 0.01% for NOx. Boiler A and Boiler B no excess emissions and Boiler A and Boiler B no monitor downtime.
09/09/2019	ROP Semi 1 Cert	Compliance	2019 1st Semi-Annual Report Certification, 6 deviations listed for CEMS during calibration of NOx analyzer. Problems previously reported in EER. Certification is timely with signed certification form that also covers CAM excursion/exceedance and CAM monitor downtime.

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09/09/2019	CAM Excursions/Exceedances	Compliance	2019 CAM 1st Semi-annual Excursions/Exceedance report. No CAM Excursions/Exceedance incidents during this time period.
09/09/2019	CAM monitor downtime	Compliance	2019 CAM 1st Semi-annual Monitor downtime report. One incident of monitor (CEMS) downtime. due to calibration failure for 1-hour.
09/09/2019	CEM RATA	Compliance	Test Protocol for RATA - RATA for the gas turbine and HRSG stack and Boilers A and B, scheduled for October 14-16, 2019.

Camp Owens

8/19/20

Shane Noxon