

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> DTE Electric Company - Putnam Peaking Facility		<b>SRN :</b> B2807
<b>Location :</b> 5660 MERTZ RD		<b>District :</b> Bay City
		<b>County :</b> TUSCOLA
<b>City :</b> MAYVILLE	<b>State:</b> MI	<b>Zip Code :</b> 48744
<b>Compliance Status :</b>		Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Adam Shaffer	
<b>FCE Begin Date :</b> 11/29/2021		<b>FCE Completion Date :</b> 11/29/2022
<b>Comments :</b> 2023 FCE Report		

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
11/29/2022	On-site Inspection	Compliance	On-site inspection.
11/22/2022	ROP Semi 1 Cert	Compliance	As required by MI-ROP-B2807-2018, a Semi-Annual Compliance Report, postmarked 09/14/2022, was submitted to the AQD. The reporting time period was from 01/01/2022 through 06/30/2022. During this reporting time period one deviation was reported, however, no deviation sheet was provided. Following up with the company it was determined that this had been a mistake and there were no reported deviations for that time period. A corrected Semi-Annual Compliance Report was resubmitted. The resubmitted report appeared acceptable. (AShaffer, 11/22/22)

Activity Date	Activity Type	Compliance Status	Comments
11/22/2022	MACT (Part 63)	Compliance	<p>As required by MI-ROP-B2807-2018, a 40 CFR Part 63 Subpart ZZZZ Semi-Annual Compliance Report, postmarked 09/14/22, was submitted to the AQD. The reporting time period for this report was 01/01/22 through 06/30/22. During this time period, the company reported no deviations from the emission or operating limitations of this subpart. Additionally, there were no periods where the carbon monoxide (CO) continuous monitoring system (CMS) was out-of-control. After further review, this appears acceptable. The report was received on time and properly certified. (AShaffer, 11/22/22)</p>
04/19/2022	MAERS	Compliance	<p>Per MI-ROP-B2807-2018, a MAERS ROP Certification form was submitted for the electronic submittal of the 2021 MAERS Report and Supplemental Control Information. The ROP Certification form was late but appeared to be in correlation with the extension that was granted for the electronic submittal of the MAERS Report and Supplemental Control Information for 2021. The ROP Certification Form appears acceptable and no further action is necessary. (AShaffer, 04/19/2022)</p>

Activity Date	Activity Type	Compliance Status	Comments
03/25/2022	ROP Annual Cert	Compliance	<p>As required by MI-ROP-B2807-2018, a Semi-Annual Compliance Report, postmarked 03/14/2021, was submitted to the AQD. The reporting time period was from 01/01/2021 through 12/31/2021. During this reporting time period one deviation was reported. The deviation was for EU00005 of FG-PEAKERS Special Condition (SC) III 3-5 and occurred from 4/6/21 through 4/13/21. The deviation was described as the oxidation catalyst inlet temperature dropping below 450°F and the engine was idling. This was later determined to have been caused by a solenoid internal to the governor malfunctioning. The solenoid was later replaced on April 15, 2021 and follow up testing verified the unit was operating in the appropriate temperature range. The company described the various steps taken including how the deviation was identified and actions taken thereafter. An emission limitation was not exceeded. The deviation had been previously reported in the last Semi-Annual Compliance Report. The report was received on time, properly certified and appears acceptable. (AShaffer 03/25/2022)</p>
03/25/2022	ROP SEMI 2 CERT	Compliance	<p>As required by MI-ROP-B2807-2018, a Semi-Annual Compliance Report, postmarked 03/14/2022, was submitted to the AQD. The reporting time period was from 07/01/2021 through 12/31/2021. During this reporting time period no deviations were reported. The report was received on time, properly certified and appears acceptable. (AShaffer 03/25/2022)</p>

Activity Date	Activity Type	Compliance Status	Comments
03/25/2022	MACT (Part 63)	Non Compliance	As required by MI-ROP-B2802-2018, a 40 CFR Part 63 Subpart ZZZZ Semi-Annual Compliance Report, postmarked March 14, 2022, was submitted to the AQD. The reporting time period for this report was 07/01/2021 through 12/31/2021. During this time period, the company reported no deviations from the emission or operating limitations of this subpart. Additionally, there were no periods where the carbon monoxide (CO) continuous monitoring system (CMS) was out-of-control. After further review, this appears acceptable. The report was received on time and properly certified. (AShaffer, 03/25/2022)
12/17/2021	Stack Test	Compliance	DTE Electric Company - Putnam Peaking Facility submitted an emissions test report per 40 CFR Part 63, Subpart ZZZZ for testing completed on engine Unit 11-3 that had not been included during previous testing. Testing was conducted on October 14, 2021. Test results showed the CO destruction efficiency for Unit 11-3 was 86.6 percent. Per MI-ROP-B2807-2018, FG-PEAKERS, Special Condition (SC) I.1, compliance can be demonstrated by having a CO emission concentration of less than 23 ppmv dry at 15% OR having a 70% reduction or more. After further review, DTE appeared to be meeting the applicable CO emission limit for the one engine during testing. (AShaffer, 12/17/21)

Name: Adam Shaffer Date: 01/03/2023

Supervisor: C. Dave  
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