

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> Wolverine Power Supply Co-op - Alpine Power Plant	<b>SRN :</b> P0582
<b>Location :</b> 7432 M-32 Highway	<b>District :</b> Gaylord
	<b>County :</b> OTSEGO
<b>City :</b> ELMIRA <b>State:</b> MI <b>Zip Code :</b> 49730	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> David Bowman
<b>FCE Begin Date :</b> 12/20/2021	<b>FCE Completion Date :</b> 12/20/2022
<b>Comments :</b>	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
12/20/2022	On-site Inspection		Onsite inspection. Plant not operating at time of inspection.
12/19/2022	Other	Compliance	Records review
11/03/2022	Excess Emissions (CEM)	Compliance	EER- Unit 1- 0.0% Excess emission/CEMS DT reported; Unit 2 0.00% Excess emission/0.19% CEMS DT.
10/10/2022	CEM RATA	Compliance	Unit 1 NOx (limit:PPM66.8 & lb/MMBtu 0.0327) PPM@105.1MW - 26.9/0.021; @152.8MW- 33.02/0.02; @190.1MW - 39.63/0.021. Unit 2 NOx (limit:PPM66.8 & lb/MMBtu 0.0327) @104.9MW- 30.92/0.023; @152.8MW - 37.08/0.023; @190.1MW 40.5/0.021
09/14/2022	ROP Semi 1 Cert	Compliance	all reported in CY22Q1 EER - UNIT1 exceeded NOx lb/hr (total 21 minutes) and lb/MMBtu (for 1 hour) due to exciter failure - it was corrected. UNIT2 exceeded lb/hr (total 16 minutes) an lb/MMbtu (for 1 hour) due to tuning issues (have been resolved); Unit 2 exceeded NOx start up limit due to early start - corrective action was taken. Received in paper 9-15-22.
09/14/2022	ROP Other		Source failed to certify CEMS required by Part 75 Compliance. VN was issued by TPU and issue was corrected on 1/11/2022

Activity Date	Activity Type	Compliance Status	Comments
08/10/2022	Excess Emissions (CEM)	Compliance	CY 2022, 2QTR, Unit 1- NOx - 0.0%; Unit 2 NOx 0.16% due to start up early without load on system.
08/10/2022	ROP Qrtly Cert	Compliance	CY 2022; 2 QTR CGA and linearity documentation submitted.
08/02/2022	Stack Test Observation	Compliance	Stack Test/RATA attendance week of 8-2-22 to 8-5-22. Records sent for time during the testing have been reviewed.
07/25/2022	Telephone Notes	Compliance	Phone call with Joe reference the Stack Test and RATA in August.
07/25/2022	Telephone Notes	Compliance	Telephone call with Stephanie reference Stack Test and RATA.
05/02/2022	Excess Emissions (CEM)	Compliance	CY22Q1 Unit 1 662.51hrs; 0.45% Excess emissions – repairs were made to correct; 0% DT reported. CEMS was not certified until 23 Jan and TPU was actively working with them for CEMS cert. NOx data was substituted when operating 1-6 to 1-11-22 due to CEMs cert. Unit 2 305.24hrs; 0.66% Excess Emissions – tuning issue with unit and set point alarm incorrectly set; 0.32% CEMS DT for calibration.
05/02/2022	Other Non ROP	Compliance	CY22Q1 - CGA Audit complete; UNIT 1 & 2 pass all linearity tests;
03/21/2022	ROP Annual Cert	Compliance	1-1-2021 to 12-31-2021. Only reported issue was due to 7 - day calibration error for UNIT 1 CEMS install required by Acid Rain Permit. TPU was already aware of the issue and working with source to ensure certification. Certification of the CEMS completed 1-11-2022.
03/21/2022	ROP SEMI 2 CERT	Compliance	7-1-2021 to 12-31-2021 no deviations reported
03/16/2022	MAERS	Compliance	2021 MAERS, Check MAERS for any review comments
12/28/2021	CEMS Test Observation	Non Compliance	Observed CEMS certification for part 75. CEMS RATA data EUCTG1 RA 3.1 ARA 1.7; EUCTG2 RA7.5 ARA 5.4. Only issue was that they did not complete the 7 day drift test for EUCTG1

Name:



Date:

1-10-23

Supervisor:

