

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

N617160310

FACILITY: Wolverine Power, Tower Power Plant		SRN / ID: N6171
LOCATION: 9663 COOP ROAD, TOWER		DISTRICT: Gaylord
CITY: TOWER		COUNTY: CHEBOYGAN
CONTACT:		ACTIVITY DATE: 05/26/2021
STAFF: Becky Radulski	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: FY21 inspection and records review		
RESOLVED COMPLAINTS:		

AQD staff inspected N6171 Wolverine Power Supply Tower Plant, located at 9663 Co-op Rd, Tower, Michigan on May 25, 2021 to determine compliance with PTI 485-96. The facility is an opt-out in Cheboygan County.

Permit 485-96 is for a small peaking plant, and originally consisted of 4 units. The 3 1313 kw diesel power generators were dismantled in 2012 (considered Units 1, 2 and 3). The 4th unit remains in use. Unit 4 can operate on diesel fuel or natural gas, however no natural gas is used at this time.

The facility was not operating during the site visit, and does not operate often. The facility is fenced, the fence is in good condition. There is a diesel storage tank in a bermed which appears to have dirt/grass but could be lined underneath.

OPERATION:

Since this is one of several peaking plants in the area, it does not operate often. With the construction of the new Alpine Plant, it will operate even less. Per MAERS, Unit 4 operated 5 days in 2020.

RECORDS:

Unit 4 operated 5 days in 2020.

PTI 485-96 Special Conditions:

Permitted Limits:

NOx – 88 tons per year, based on 12 month rolling

13 and 14. NOx from facility shall not exceed 88 tpy, based on 12 month rolling: NOx is reported as 0.81 tons, based on 12 month rolling.

15. Visible emissions: Unit 4 was not operating at the time of the inspection to record visible emissions. When in the area staff will go by the facility to get an opacity reading when the unit is in operation. The unit is a peaking facility and not operated on a set schedule.

16. Testing if requested by AQD: Testing has not been requested at this facility.

17, 18 and 19. Fuel use for Units 1, 2, and 3: These units were disabled in 2012.

20 and 21. Fuel use for Unit 4: Unit 4 is a dual fuel unit. Facility tracks fuel use as demonstrated in SC 22-24 below.

22. Unit 4 shall not exceed 1,225,044 gallons #2 diesel fuel in any calendar year: MAERS from 2020 calendar year report usage was 13,500 gallons. The usage is well below permitted limit.

23 and 24. Unit 4 shall not exceed 266.7 mcf natural gas in any calendar year: Although the unit is equipped to operate with natural gas, there is no natural gas source at the facility. The closest natural gas line is approximately 14 miles away.

Based on the site inspection and facility walk through, the facility appears to be operating within conditions of PTI 485-96.

NAME _____

DATE _____

SUPERVISOR _____