

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

N143058897

FACILITY: Upper Peninsula Power Company - Gladstone		SRN / ID: N1430
LOCATION: East Delta Avenue, GLADSTONE		DISTRICT: Marquette
CITY: GLADSTONE		COUNTY: DELTA
CONTACT: Emily Rushford , Senior Administrative Specialist		ACTIVITY DATE: 07/08/2021
STAFF: Sydney Hewson	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Records request to verify compliance with PTI 601-86 and all other applicable state and federal air quality regulations		
RESOLVED COMPLAINTS:		

On July 6, 2021 I (Sydney Hewson) sent a records request to Upper Peninsula Power Company (UPPCO)- Gladstone to verify compliance with PTI 601-86 and all other state and federal air quality regulations.

Facility Description:

UPPCO- Gladstone operates a "black-start" diesel engine located at East Delta Avenue in Gladstone, Michigan.

Below is a summary of the requirements and records submitted July 8, 2021 for PTI 601-86.

Special Conditions:

Sulfur Content Limit: 0.5%. The facility purchases ultra low sulfur diesel which has a BTU rating of less than 15 ppm or 0.0015% this meets the permit requirements (Shipment records are attached to the hard file of this report)

The sulfur dioxide emission rate from the generator shall not exceed 185.2 pounds or 31.12 tons per year. The facility operated twice in 2021 for an average sulfur dioxide emission rate of 0.39 lbs/hr average. Sulfur dioxide emissions through June 2021 are 0.00037 tons.

The facility operated the black start generator for the following durations and purposes in 2020 and 2021:

2020 – 1.2 hours for MISO emergency generation demand (7/7/21)

1.4 hours for annual capacity test (7/29/21)

2021 – 0.4 hours for MISO emergency demand (2/16/21)

1.5 hours for annual capacity test (3/17/21)

The records submitted on July 8,2021 demonstrate UPPCO gladstone is in compliance with PTI 601-86 and all other applicable state and federal air quality regulations.

NAME 

DATE 7/15/21

SUPERVISOR 