Great Lakes Gas Transmission – Naubinway Compressor Station No. 10
Preventive Maintenance / Malfunction Abatement Plan

Rev. January 2023

1.0 Introduction

The Naubinway Compressor Station No. 10 is located at Naubinway Road in Naubinway, Mackinac County, Michigan 49762. The primary function of this facility is to provide motive force for natural gas flowing through the pipeline. This plan provides preventative maintenance and malfunction abatement measures for two (2) stationary natural gas-fired turbines (EUUNIT1001 and EUUNIT1002), which in turn drives two natural gas compressors.

2.0 Contact Information

Any questions regarding this PM/MAP should be directed to:

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The following station personnel are responsible for the overall performance and maintenance of the prime movers at the Naubinway Compressor Station No. 10.

Name:	Trent Meske
Title:	Area Manager
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3.0 Natural Gas Compressors

Engine ID	Manufacturer	Model	Engine Type	Add-On Control
EU-UNIT1001	Rolls Royce	Avon 76G	Natural Gas-Fired Turbine	None
EU-UNIT1002	Rolls Royce	Avon 76G	Natural Gas-Fired Turbine	None

3.1 Turbine Maintenance

The Rolls Royce Avon 76G Turbines (EU-UNIT1001 and EU-UNIT1002) are maintained in accordance with TC Energy Operating Procedures (TOP) governing natural-gas fired turbines. GLGT employs good combustion practices on well-maintained engines combined with the exclusive use of natural gas to minimize air emissions.

4.0 Malfunction Corrective Procedures

In the event of a malfunction or failure that has the potential to exceed applicable emission limitation or cause air pollution, the following corrective actions will be implemented.

- Shut the unit(s) down as soon as possible and consistent with safe operating procedures.
- Troubleshoot or research the cause of such malfunction or failure.
- Repair and/or replace components as required.
- Restart the unit(s) and confirm normal operation.

The above malfunction corrective procedures are consistent with good air pollution control practices and are developed with the intent to minimize the release of any air contaminant and restore normal operations as soon as practicable.

5.0 Major Parts Inventory and Replacement

Major Parts are ordered as needed through the vendors and not kept on site.

6.0 Responsible Person for Inspection, Maintenance and Repair of Add-On Equipment

N/A – no add-on equipment

7.0 Retention of Records

All Records shall be retained for 5 years.

8.0 Updates of PM/MAP

The PM/MAP will be reviewed annually, and any updates shall be submitted to the AQD District Supervisor for approval.