



February 13, 2023



Ms. Joyce Zhu  
EGLE – Air Quality Division  
27700 Donald Court  
Warren, MI 48092

**RE: DTE Electric Company Response to the EGLE-AQD Violation Notice of January 25, 2023 Issued to Blue Water Energy Center**

This letter is in response to the Violation Notice (VN) issued by EGLE-AQD to DTE Electric Company on January 25, 2023 to Blue Water Energy Center related to nitrogen oxides (NOx) excess emissions. The VN cited the following:

Process Description	Rule/Permit Condition Violated	Comments
EUCTGHRSG1	SC 1.1	DTE submitted an abnormal condition report indicating the NOx 2.0 ppm @ 15% O2 limit, based on a 24-hour rolling average, had been exceeded between 0200 and 0800 on January 12, 2023

During this period, the 24-hour average emissions did exceed the permit limit of 2.0 ppm as summarized in the table below.

Hour	24-Hour Rolling Average NOx (ppm)
0200	2.1
0300	2.1
0400	2.1
0500	2.1
0600	2.1
0700	2.1
0800	2.1

Once excess emissions were observed through the plant's continuous emissions monitoring system (CEMS), the plant took immediate corrective actions to reduce emissions. This included increasing ammonia injection and reducing load on the unit. After a short period of time, the 24-hour rolling average concentration returned to normal levels compliant with the permitted limit. Emissions have remained in compliance since the issue was identified.

