

# The MIRATECH® Tier V System

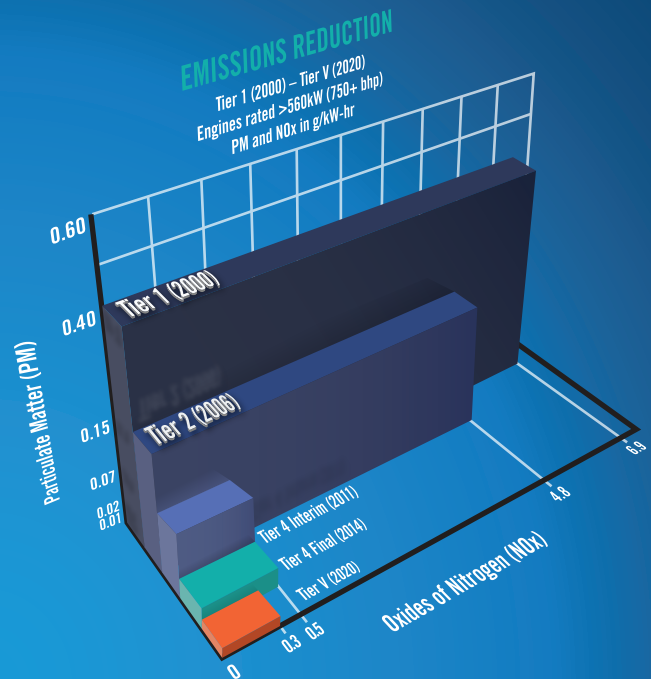
*Tier V is MIRATECH's Solution to Maximize Net Environment Benefit (NEB)*

## TIER V

A BOLD STEP. A SMALLER CARBON FOOTPRINT.

Emission	% Reduction from Tier 2
NOx	95%
CO	90%
NMNEHC	85%
PM	85%

- **Net Environmental Benefit:** Further reduces Tier 4 criteria pollutants and reduces Air Toxics and Global Warming Potential (GWP) emissions.
- **Operational Flexibility:** Maximize engine run hours within a given emissions cap with real-time NOx monitoring.
- **Cost Effective:** Keep using proven diesel generators instead of more costly options perceived as 'cleaner' that offer the same or worse NEB.
- **Health Effects:** Decreased PM and ozone precursors translate to lower risk of respiratory illnesses.



- **Compliance Assurance:** Real-time monitoring and datalogging of temperature, pressure, dosing rate, and NOx values.
- **Cleanest Option:** Tier V equipped diesel engines set the standard for lowest achievable emissions typically resulting in a Generator vs. Utility (GVU) Analysis favoring the Tier V equipped generator.
- **Unmatched Technical Support:** Detailed GVU report, system commissioning and field service, and real-time system health monitoring. Ask us for a GVU Analysis customized to show pollution levels from a Tier V MIRATECH-equipped engine versus your local Utility.

**ENGINEERED TO PERFORM™**

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## A MIRATECH Tier V System Includes Proven Controls with Intuitive Software for Maximum Assurance



### **HARDWARE: MIRA-CUBE + ACIS-3 WITH NOx SENSORS**

- Low Profile, Compact, and Integrated Packaging
- Oxidation Catalyst with Unmatched Air Toxics Reductions
- Either a Low-Temp Regen Passive DPF or an Active DPF Providing Lower PM Emissions than Typical Natural Gas Engines
- SCR Catalyst for Ultra-Low NOx Emissions and Reduced GWP Emissions
- Closed-Loop SCR Controller with Intuitive Interface for Ease of Use

### **NEED EMISSIONS AND ACOUSTIC SOLUTIONS? CONTACT MIRATECH**

For over 27 years, MIRATECH has been at the forefront in helping industries handle emissions and acoustic standards. Whatever your emissions needs may be, count on us for solutions. Just give us a call or visit our website at [MIRATECHcorp.com](http://MIRATECHcorp.com).

*Sign up on our website for your free subscription to our fact-filled electronic newsletter: THE EMISSIONS MONITOR.*

### **SOFTWARE: REMOTE MONITORING PLATFORM**

- Compliance Assurance using Real-Time Monitoring and Datalogging
- Marrying All Sensors & Calibrations to Compliance Tests
- Customized Service Intervals Available Based upon Monitoring Results
- Subscription Plans with Alert Notifications, Reporting, & Online Service Requests – Coming Soon!

### **FULL SUPPORT, CLOSE TO HOME**

Technical services and training provided by MIRATECH and MIRATECH-authorized representatives ensure prompt, expert product support is just a phone call away. Support is available worldwide in the Americas, Europe and Asia.



**Sales/Technical Support**  
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