GE Power

FACT SHEET

Monitoring & Diagnostics Services
Cross-Fleet Gas Plants

Product Description

Achieve greater productivity, profitability, and predictability for Cross-Fleet gas turbine assets, including Siemens and Mitsubishi, through GE's Monitoring & Diagnostics Services.

Features

Technology-Agnostic, Outcome-Specific

Our solutions bridge existing assets across GE and non-GE manufactured plant and fleet infrastructures, delivering turnkey solutions regardless of the original equipment manufacturer mix or current software applications.

Decisions Through Data

M&D services from GE provide a number of options for accessing the data that's important to you, along with a selection of decision support tools built on our extensive gas turbine knowledge.

- *On-Site Monitor (OSM):* At your site, OSM automatically collects and processes data through advanced algorithms—trending against fleet-wide historical data—to determine fleet health, develop prognostics and deliver information to you through several reporting options.

- *Operational Assessments Report:* This monthly assessment report provides key asset health and operational metrics to help you manage asset maintenance and plan for outage scope.

Benefits

Avoid Lost Production and Repair Costs

By detecting equipment failures before happening, our predictive analytics software is able to save you millions of dollars from just one anticipated event. Through our proactive solutions you can optimize your asset performance at all times.

Optimize Your Fleet Performance

Nothing can bring down your revenue like avoidable fuel costs and down time. Our intelligent solutions can save you on startup time and enable your equipment to keep running 24/7, even under changing and complex conditions.

Risk Mitigation: Improved turbine reliability, availability, maintainability, and performance with the use of advanced analytics to identify root cause and avoid unplanned outages.

Outage Reduction: 24/7 trip recovery support applies GE's extensive turbine knowledge to quickly resolve concerns.

Fact-Based Decision Making: Historical data made available through multiple tools enables GE engineers to assess key performance indicators and provide corrective action steps and improvement evaluations.

Cyber Security: The M&D platform was configured to provide customers with a secured data connection meeting all government and customer regulatory requirements. Highlights of the security program include:

- Electronic Security
- System Security Management
- Personnel and Training
- Physical Security
- Incident Reporting and Response Planning
- Recovery Plans

To learn more about this offering, contact your GE sales representative or visit powergen.gepower.com.

Copyright ©2016 General Electric Company. All rights reserved.

GEA32579 (5/2016)