Curtiss-Wright’s M&D Center’s services will help improve a plant’s performance and bottom line.

Curtiss-Wright’s Remote Monitoring and Diagnostic Center provides services for clients who desire improved monitoring and diagnostics of their power generation assets. These services provide a critical asset management function that allows customers to more effectively deal with day-to-day tasks and decisions related to optimizing the value of advanced monitoring technologies. By utilizing the M&D Center’s team of experts, users can improve bottom-line results in a time of reduced budgets and cash flow.

The M&D Center’s services encompass routine surveillance monitoring, problem and anomaly reporting, and diagnostics of power plant performance and condition; they also provide expert asset optimization services that include technical support to improve the thermal efficiency and reliability of the power plants and their associated equipments. The integration of real-time performance and condition monitoring technologies with data analytics provides proactive information from data-rich resources for asset management sustainability.

Curtiss-Wright’s remote M&D services provide an efficient, cost-effective means to:

- Employ a teaming approach between user’s staff and Curtiss-Wright for optimizing plant performance and condition
- Evaluate the urgency of situations for condition-based maintenance planning
- Establish the health, performance, and condition of equipment, as well as receive early detection of equipment problems
- Determine best practices for operational excellence
- Recommend direct action to solve asset problems
- Achieve optimized performance and reliability coincident with reduced budgets and aging workforce

Using secure VPN Internet access and telecommunications, power plant networks are able to be connected to Curtiss-Wright’s remote M&D services for monitoring power generation performance and reliability.

For more information contact:

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Curtiss-Wright can effectively interpret plant data through the use of its predictive and monitoring software (PEPSE, PMAX, PdP, and the Rules Engine) to give accurate assessments of plant performance and condition. The M&D Center has experienced technicians who are experts in these softwares, with many years of experience working in power plants. Through reporting from these technicians, plants can quickly detect and correct issues that affect heat rate and generation, as well as possible damage or equipment failure.

FAMOS™ Technology – M&D Center

- Plant Engineering Expertise
- Specific Process Knowledge
- Analysis Tools
  - PMAX - On-line Monitoring
  - PEPSE – Thermo-Hydraulic

Data Acquisition
Data Validation