

# Predictive Analytics is Redefining the Way Companies Manage Industrial Power Plants



The growing maturity of advanced analytic technologies such as Industrial Internet of Things (IIoT), Advanced Pattern Recognition (APR), and Neural Networks has made them more accessible for organizations that generate power for internal use. Armed with these technologies, industrial power plant operators have begun to redefine operations.



**DOCUMENTED SAFETY IMPROVEMENTS:** Predictive maintenance approaches empower site supervisors to identify, assess, and address conditions that can put people and plant at risk.



**MANAGED OUTAGES:** Plant outages transform from liabilities to opportunities for performing vital maintenance and driving higher performance and efficiency, outside of peak demand windows.



**SHIFT TO PREDICTIVE MAINTENANCE:** Facility managers who adopt performance monitoring solutions find they can detect issues missed by schedule-based maintenance processes, such as equipment defects or human error.



**IMPROVED EMISSIONS CONTROL:** Centralized monitoring of sensors across the infrastructure gives power plant managers the data they need to document compliance with emissions regulations, as well as to define quantitative improvement goals and track progress against them.



**O&M MODEL INNOVATION:** Secure cloud architectures give plant managers new options for extending visibility and control across geographies, allowing easy collaboration between operations teams at different sites and third-party outsourcing of operations and maintenance responsibilities.



**GREATER ACCOUNTABILITY:** Best-in-class monitoring and diagnostics solutions integrate capabilities such as activity logging, user notes fields for recording observations and actions, and granular configuration of read-write, read-only, and restricted access privileges.

Atonix Digital™ Industrial Power Solutions help organizations streamline operations, expedite issue resolution, reduce costs, and extend the useful lives of their assets by applying advanced analytics to IIoT data and enabling secure, anytime, anywhere access in the cloud.

To learn more about **Atonix Digital** and our **Industrial Power Solutions**, visit:



[Atonix.com](https://www.atonix.com)



[@AtonixDigital](https://twitter.com/AtonixDigital)