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## ADVANCED SOLUTIONS FOR THE **POWER INDUSTRY**

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ADAPTIVE RESOURCES IS THE INTEGRATOR OF CHOICE FOR SEVERAL POWER INDUSTRY TECHNOLOGY PROVIDERS. WITH DOMAIN EXPERTISE IN THE UTILITY POWER INDUSTRY, ADAPTIVE IS THE CHOICE FOR CONTROLS, CONSULTING AND DESIGN.

Power generation plants have a unique set of process issues including regulatory and compliance. We understand the fundamental processes of the power industry because we've developed the modeling tools and technology to gain insight into the base issues of each process. That means we have the data, and more importantly the experience to understand the data, and apply it to develop better control strategies.

Adaptive's experience with generation plant operations and components includes:

- Combustion systems for wall-fired, opposed-fired and T-Fired boilers
- LNB/OFA (SOFA) controls for NO<sub>x</sub> optimization
- SNCR and SCR operation and controls
- AH operation and controls including soot blowing systems
- ESP/Baghouse operation and controls
- Dry Sorbent Injection systems for Acid Gas mitigation (SO<sub>2</sub>, SO<sub>3</sub>, NO<sub>x</sub>, HCl)

With our domain experience, our software tools, and custom built panels, we are more than integrators. We are a partner in advancing the process to obtain minimum variance and maximum results.



### Recent Projects Include:

- Dry Sorbent Injection system controls for Breen Energy Solutions and Lhoist - Acid Gas Solutions inc.
- Dry Sorbent Injection system for a publicly-traded technology company in the Power Industry
- Boiler Optimization and Controls for NO<sub>x</sub> and Heat Rate for a large publicly-traded utility company
- Air heater controls and sootblowing control system for PREPA, Puerto Rico

We specialize in design and manufacture of control systems and panels for OEM suppliers to the Utility Power Industry.

*Contact us today for a demonstration or to learn more about Power Industry specific solutions.*





## **APPLIED SCIENCE. ADVANCED CONTROL.**

Since 1992, Adaptive Resources has applied scientific principle to advance process control. From their QuickStudy™ suite of advanced control technology solutions to process consulting and systems integration, Adaptive has always focused on delivering the information and tools needed to manage the most complex manufacturing processes.

Advanced Process Control Software, Consulting and Integration for:

- Food
- Power
- Metals
- Manufacturing

*For more information or a demonstration, visit [www.AdaptiveResources.com](http://www.AdaptiveResources.com) or contact one of our regional offices.*

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