



CONTROLS SYSTEMS

CONVERSIONS, MODIFICATIONS, AND UPGRADES

UNLOCK EFFICIENCY

FAST AND FLEXIBLE OPERATIONS ARE NOW YOURS.

PROENERGY equips your aeroderivative units for the information age with modernized, open-source controls systems. As a result, you have the ability to expand your technology and acquire information at a pace that matches an evolving power market.

These controls systems give you the freedom to customize data collection at any point on the turbine, package, and ancillary systems. You also have the flexibility to detect what, where, and why an event is happening. Going beyond real-time data and alerts, these systems further provide a secure window for trend analyses on trips, faults, or performance issues by our engineering teams. They even give you entry to our world-class Advanced Monitoring & Predictive Solutions (AMPS).



STEPS FOR SUCCESS

TAKE CHARGE OF TECHNOLOGY AND DATA

MODERNIZE your controls system for simple integration, communication, and assistance

VISUALIZE your operations with a custom interface viewed in real-time and remotely

STRATEGIZE your way forward with support for data acquisition and analysis



SUPPORTIVE
24/7
ENGINEERING
ASSISTANCE



EXPERIENCED
100+
INSTALLATIONS
AND UPGRADES



FAST
5
MILLISECOND
DATA-SAMPLING RATE

ONE SYSTEM TO CONTROL ANYTHING, ANYTIME

PROENERGY installs a unified solution for managing the complex interactions and operations of your power generation facility. Designed and built in-house using Allen Bradley ControlLogix® hardware with FactoryTalk® software, our modern control systems support all plant equipment—including the gas turbine, generator, and combustion packages—for total asset optimization.

*ControlLogix and FactoryTalk are registered trademarks of Rockwell Automation.



MODERNIZE: Old systems make modifications difficult and slow your operations. Our controls system gives you the freedom to do what you want when you want.

- Integrate with existing equipment and add technology as you go.
- Receive immediate troubleshooting or other assistance over a protected connection.
- Operate with open-architecture freedom or lock down like traditional systems.

VISUALIZE: Outdated controls provide a limited snapshot of your turbine and package equipment, as well as operations. Our system lets you see what you want and share with whom you need over a NERC-compliant network.

- Customize the human-machine interface (HMI) font, graphics, and more.
- Perform secure real-time monitoring on the turbine and complete balance-of-plant (BOP) controls.
- Allow the Remote Operating Center (ROC) a mirror view of plant operations and permission for starts / stops.

STRATEGIZE: Many power plants have yet to enter the digital era. Our controls support reliable data acquisition and expert analysis for historical and potential forward-looking insights.

- Look at data seconds apart for a detailed understanding of past and current operations.
- Trend parameters of your choice over time and on any equipment.
- Source replacement parts from PROENERGY or other suppliers in an average of 2 days.

DRIVE PROFITABILITY WITH DATA INTELLIGENCE

Proven in both baseload and peaking applications, our AMPS service delivers insights for improved plant availability, reliability, and profitability. By predicting failures early and receiving recommendations immediately, you're empowered to take preventive action, procure repair parts, and plan outages on your schedule.

