Rosemount Instrumentation for the Power Industry

Measurement Technologies to Power the Future
Optimize Your Resources: From Project Planning Throughout the Life of Your Plant

Emerson Process Management offers a winning combination of best-in-class technologies and engineering expertise to help you power the future. With 50 years of experience and over a million devices installed in power generation plants around the world, we are uniquely qualified to provide the products and expertise necessary to help you succeed. Rosemount pressure, temperature, level, and flow measurement technologies can reduce the project execution cycle and lower capital expenditures. Throughout the life of your plant, we’ll help you improve uptime, lower generation costs, minimize fuel costs, and enhance environmental compliance.

A Business Partner You Can Trust
Emerson Process Management has an extensive global network of factory-certified Instrument Consultants. These experts act locally to support your needs and implement solutions that deliver results. Our project teams are uniquely qualified to ensure Rosemount technologies are implemented to achieve optimal results.

Improve Project Execution
Rosemount field instruments are easy to specify and procure. The equipment arrives engineered and ready to install in your application.

- 30% reduced engineering and procurement costs
- 20% improvement in project cycle time
- 20% reduced installation and commissioning costs

Optimize Plant Performance
Rosemount instruments with predictive field intelligence quickly detect and prevent conditions that can impact plant performance.

- 2% more generation
- 1% increased plant availability
- 2% reduced maintenance costs

The Best Instrument for Your Application
Our consultative approach, based on best measurement practices, helps optimize performance in each application. We combine our proven Rosemount technology and experience with best practices to give you a competitive advantage. Our global sales force understands your business requirements and is available to help you determine which Rosemount product will deliver the best results.

Reliable Technologies to Optimize Your Plant
Innovative Rosemount technologies, which power Emerson’s PlantWeb® digital plant architecture, are your blueprint for improving startup and optimizing plant performance. Green-field facilities benefit from lower capital expenditures, while existing plants take advantage of an architecture that delivers drastically reduced operational expenditures.
Improved Project Execution

“Generates additional megawatts is critical to my operation.”

Generating additional megawatts is critical to my operation. Operation your plant at maximum capacity. The industry-leading performance of Rosemount instruments reduces process variability through faster response to changing variables and accurate compensation in real world conditions.

“Reducing the cost of generation is a priority for my company.”

Reducing the cost of generation is a priority for my company. Keep your plant running at maximum efficiency. The quality designed and built into each Rosemount product delivers unparalleled reliability and stability. With long service life and extended calibration intervals, Rosemount instruments can help you optimize your operation and lower the cost of generation.

“I can’t afford interruptions in power generation.”

I can’t afford interruptions in power generation. Ensure operation through periods of peak energy demand. The pressure and density diagnostics in Rosemount transmitters help to prevent overfills. Statistical Process Monitoring diagnostics can detect a process upset up to 30 minutes earlier than a conventional distributed control system. This can help avoid major process upsets that could lead to reduced efficiency, decreased production, and increased variability.

Optimized Plant Performance

“Generating additional megawatts is critical to my operation.”

Generating additional megawatts is critical to my operation. All gas and BUZor flowmeters have precision dead-ended bellows design that provide inherent straight run compensation and performance stability.

“My facility is working hard to be safe and green.”

My facility is working hard to be safe and green. Safety, health, and environmental are top priorities. Rosemount instrumentation can prevent unsafe conditions in your plant through process alerts, certified designs, and best in class installation practices.

“Our plant is designed for world-class operation.”

Our plant is designed for world-class operation. The Rosemount Conditioning family of products provides increased measurement capability with every configuration.

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To improve your bottom line with Rosemount products, contact your local Emerson Process Management representative or visit www.rosemount.com