

## Emerson's PowerVUE™ Fan Damper Actuators to improve control at coal-fired plant

*Rosemount Analytical actuators provide tighter control of the air through the furnace which is important in circulating fluidized bed combustion*



SOLON, OHIO (July 3, 2008) -- Emerson Process Management, has been awarded a contract to provide ten Rosemount Analytical PowerVUE™ Fan/Damper Actuators to control fans for a new coal-fired power plant being constructed in Louisiana.

"The end customer is already heavily invested in Emerson's FIELDVUE technology at its other generating facilities, and carrying this technology to fan and damper control is a next logical step," said Doug Simmers, product manager, Rosemount Analytical Gas Division. "This boiler is using the latest circulating fluidized bed technology, and tighter control of the air through the furnace is important. This new, larger PowerVUE design will deliver 7200 ft. / lbs. of torque."

PowerVue Fan/Damper Actuators are ideal for a range of applications, including fan/damper actuation for utilities, steel mills, refineries, pulp and paper mills and wastewater. Now available in sizes ranging from 4" x 5" to 8" x 14", PowerVue combines the traditional rugged Hagan-style actuator and the advanced control capabilities of Fisher's DVC 6000 FIELDVUE™ Digital Valve Controller. The FIELDVUE is the first true digital positioner that uses an internal PID closed loop positioning system as opposed to a mechanical force/balance methodology. Additionally, the FIELDVUE offers unique diagnostics that can be displayed in the control room, indicating actuator performance and problems.

Additional information regarding the PowerVUE line of Fan/Damper actuators can be found at [http://www.emersonprocess.com/ra/home/documents/Gas\\_PDS\\_PowerVUE\\_102-222\\_200710.pdf](http://www.emersonprocess.com/ra/home/documents/Gas_PDS_PowerVUE_102-222_200710.pdf).

### **About Rosemount Analytical**

Rosemount Analytical ([www.RAIhome.com](http://www.RAIhome.com)) is a division of Emerson Process Management. The Gas Division in Solon, Ohio, designs and manufactures analyzers and systems for Combustion Analysis and Control, Continuous Emissions Monitoring Systems (CEMS), In-situ Oxygen and Combustibles Analyzers, Carbon Monoxide Analyzers, Opacity Monitors, and a full array of Single and Multi-component Process Gas Analyzers.

### **About Emerson Process Management**

Emerson Process Management ([www.emersonprocess.com](http://www.emersonprocess.com)), an Emerson business, is the leader in helping businesses automate their production, processing and distribution components in the chemical, oil and gas, pulp and paper, food and beverage, and pharmaceutical industries, as well as others. The company combines superior products and technology with industry-specific engineering, consulting, project management and maintenance services. Its brands include: Rosemount Analytical, Fisher-Rosemount, Performance Solutions, AMS, Bettis, DeltaV™, El-O-Matic, Intellution, Micro Motion, PlantWeb™, and Westinghouse Process Control.

### **About Emerson**

St. Louis-based Emerson ([www.emerson.com](http://www.emerson.com)) is a global leader in bringing technology and engineering together to provide innovative solutions to customers in process control; electronics and telecommunications; industrial automation, heating, ventilating and air conditioning, and appliance and tools. Sales in fiscal 2006 were \$24 billion.