



## **MISTRAS Helps Reduce Greenhouse Gas Emissions in Coal Fired Power Plants**

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PRINCETON JUNCTION, N.J., April 29, 2010 (GLOBE NEWSWIRE) -- MISTRAS Group, Inc. (NYSE:MG) has developed and delivered a non-invasive coal flow monitoring system that with remedial action, can significantly reduce out of compliance events, and resulting fines, regulated by the Environmental Protection Agency (EPA).

This system detects blockages and imbalances in the flow of pulverized fuel between the coal mills and the burners, enabling plant operators to optimize burner combustion resulting in reduced emissions. It is anticipated that this solution will aid in meeting the emissions legislation and regulations associated with the impending new energy and climate bill currently being debated in the US Senate.

In addition to emissions reduction, the system provides information plant operations use to drive efficiency gains by improving heat rate; improving fuel consumption; and reducing maintenance by avoiding burner tube failures caused by increased erosion/corrosion from high radiant heat that can account for millions of dollars in lost production from forced outages. A major South West US utility that has implemented the system recognized a \$5 million savings in a single year.

Added to its suite of asset protection, environmental and process monitoring systems and services for the power generation industry, MISTRAS' coal flow monitoring system can operate in stand-alone mode with local or remote on-line monitoring, providing real time data and early warning alarming. It can also be integrated into the plants existing distributed process control system.

### **About MISTRAS Group:**

MISTRAS offers one of the broadest services and technology-enabled asset protection solutions portfolios in the industry used to evaluate the structural integrity of energy, industrial and public infrastructure. Mission critical services and solutions are delivered globally and provide customers the ability to extend the useful life of their assets, improve productivity & profitability, comply with government safety and environmental regulations and enhance risk management operational decisions.

MISTRAS uniquely combines its industry leading products and technologies -24/7 on-line monitoring of critical assets; mechanical integrity (MI) and non-destructive testing (NDT) services; and its proprietary world class data warehousing & analysis software- to provide comprehensive and competitive products, systems and services solutions from a single source provider.

For more information, please visit the company's website at <http://www.mistrasgroup.com> or contact Nestor S. Makarigakis, Marketing Communications (MARCOM) Manager at [marcom@mistrasgroup.com](mailto:marcom@mistrasgroup.com).

The MISTRAS Group, Inc. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=6966>

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