

# **Detroit Edison will Utilize Performance Monitoring System to Enhance Operational Excellence**

## ***New Performance Monitoring Center to Implement SmartSignal's EPI\*Center Solution***

Chicago—April 25, 2006—SmartSignal Corporation today announced that Detroit Edison will deploy SmartSignal's EPI\* Center™ predictive analytics solution at its new state of the art Performance Center in Ann Arbor, Michigan. EPI\* Center will enable Detroit Edison to monitor equipment health through the use of existent data and real-time analytics. The solution will be deployed across 29 units (19 fossil fuel and 10 combustion turbine) representing 8,491 megawatts of power in southeastern Michigan.

SmartSignal was initially deployed by Detroit Edison at its Monroe Plant, according to Joe Robinson, who manages the company's Fossil Generation Process Controls and Technology. "SmartSignal's EPI\*Center provides insight into the health of all our key equipment," he said. "We expect to significantly reduce unplanned downtime and to improve maintenance programs, which will help us provide even higher levels of consistent and reliable generation to our customers."

SmartSignal's EPI\*Center continually inspects key aspects of equipment health to provide early warning of impending problems, enabling increased uptime and reduced operating costs. Unlike condition-monitoring devices, EPI\* Center provides constant, 24/7, predictive, data-centric analysis of the health of all monitored equipment. It uses a patented methodology whereby models of historical performance are developed for each serial-number-specific piece of machinery, and actual readings of all relevant sensors, in a holistic manner, are compared to historical in all operating states. In this way, EPI\* Center identifies and focuses on impending problems, transcends data overload, and may predict failure days, weeks, and even months earlier than possible with traditional monitoring methods.

"We're delighted to add Detroit Edison to our distinguished list of predictive-analytic leaders in the energy industry. We're confident that EPI\* Center will help Detroit Edison close the gap between corporate objectives and current performance via increasing the health and improving the maintenance of Detroit Edison's equipment," said Jim Gagnard, President and CEO of SmartSignal.

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### **About Detroit Edison**

Detroit Edison is an investor-owned electric utility serving 2.2 million customers in Southeastern Michigan and a subsidiary of DTE Energy (NYSE:DTE), a Detroit-based diversified energy company involved in the development and management of energy-related businesses and services nationwide. Information about DTE Energy is available at [www.dteenergy.com](http://www.dteenergy.com).

### **About SmartSignal**

SmartSignal Corporation is the leader in equipment-performance-improvement solutions, with 40 issued or licensed patents pending/owned and broad foreign coverage. SmartSignal's EPI\*Center™ business-intelligence solution helps companies gain unprecedented insight into the health of critical business equipment. SmartSignal's clients in power generation represent over 350,000 megawatts of power; other SmartSignal clients include industry leaders in refining, pipelines, petrochemicals, airlines, mining, and process manufacturing. SmartSignal has been widely acclaimed in the press, including *The Wall Street Journal*, *The Economist*, *Newsweek*, *Investor's Business Daily*, and many more. In both 2004 and 2005, SmartSignal was a finalist for the prestigious Platts Global Energy Award in the "Commercial Technology of the Year" category. SmartSignal, along with SAP and its client, Delta Air Lines, also won the APICS "Technology Partnership Award of Excellence" in 2004. For more information, visit [www.smartsignal.com](http://www.smartsignal.com).

### **Contacts:**

John Kerastas  
SmartSignal Corporation  
630-829-4020  
[jkerastas@smartsignal.com](mailto:jkerastas@smartsignal.com)

Len Singer  
DTE Energy  
313-235-8809  
[singerl@dteenergy.com](mailto:singerl@dteenergy.com)