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Battelle Number(s):

13387-B, 13819-E

Patent(s) Issued

Available for licensing in all fields

Awards Won:

R&D 100 Award - 2001

Available Technologies

DSOM (Decision Support for Operations and Maintenance)

SUMMARY

Operations and maintenance (O&M) can make or break a business - especially with today's rising energy costs. DSOM® (Decision Support for Operations and Maintenance) is a patented expert O&M system that integrates plant operations, energy management, and maintenance processes. The DSOM package provides operators and engineers with the information they need including equipment health, real-time and long-term trending of critical operational parameters, and operational requirements for cost-effective operating decisions, creating savings in fuel, personnel and maintenance costs, and further cost reductions due to extending plant life.

DSOM has potential applications in nearly any complex engineered setting. Examples where it has or might be used include power plants, heating and cooling plants, computer data centers, water treatment, or energy/electrical distribution.

ADVANTAGES

DSOM information management system can:

- * improve process efficiency
- * reduce O&M workload
- * reduce maintenance parts and labor
- * reduce energy consumption
- * extend equipment life
- * reduce plant bottom line costs by as much as 25 to 50 percent

RELATED LINKS

» **DSOM web site for more information**

<http://www.pnl.gov/dsom/>



Patents & Intellectual Property

» Patent #: 7,016,742

Technology Portfolio(s)

» Building Efficiency

» Energy Efficiency Solutions

Potential Industry Applications

» Agriculture & Mining

» Automotive & Transportation

» Chemicals

» Computers & Electronics

» Energy & Utilities

» Manufacturing & Warehousing

» Oil & Gas

» Public Administration &
Government

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