

**FOR IMMEDIATE RELEASE**

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**FREE PUMP SYSTEMS IMPROVEMENT MODELING TOOL SOFTWARE**

**PARSIPPANY, NJ, December 5, 2006** – Pump Systems Matter™, a non-profit education association, has made Pump Systems Improvement Modeling Tool (PSIM) educational software freely available for download on its website, [www.PumpSystemsMatter.org](http://www.PumpSystemsMatter.org). PSIM is focused on helping pump system engineers and industry professionals understand how modeling tools can reduce cost and conserve energy.

The PSIM tool operates by allowing users to build models of pumping systems. The software then uses input from various fields to simulate a wide range of system behavior. By using state-of-the-art solution algorithms and a drag and drop interface, users can calculate pressure drop and flow distribution in straight-path and simple branching or looped pumping systems, as well as pump energy usage and energy cost over time through Net Present Value concepts. PSIM also models pump vs. system curves, pump efficiency and best efficiency point (BEP), NPSH calculations, impeller trimming, and automatic pump curve viscosity corrections. In short, the PSIM tool provides valuable training to pump system engineers by simulating nearly every aspect of the total pump system.

PSIM is the first tool designed to help Pump Systems Matter™ accomplish its stated goals of providing end-users, engineering consultants and pump suppliers with tools and collaborative opportunities to integrate pump system performance optimization and efficient energy management practices into normal business operations.

A series of web-based PSIM training programs are anticipated by the second quarter of 2007. Downloading the software ensures PSIM users will be invited to future training sessions.

*Pump Systems Matter™ is an educational initiative created to assist North American pump users gain a more competitive business advantage through strategic, broad-based energy management and pump system performance optimization. PSM strives to provide end-users, engineering consultants, and pump suppliers with tools and collaborative opportunities to integrate pump system performance optimization and efficient energy management practices into normal business operations. For more information, visit [www.PumpSystemsMatter.org](http://www.PumpSystemsMatter.org).*

*The 89-year old Hydraulic Institute, the largest association of pump producers in North America, led in the initial development of the Pump Systems Matter™ initiative. HI also maintains two other pump industry-related websites: [www.Pumps.org](http://www.Pumps.org) and [www.PumpLearning.org](http://www.PumpLearning.org). Requests concerning Pump Systems Matter™ may also be faxed to (973) 267-9055 or mailed to: Pump Systems Matter, 9 Sylvan Way, Parsippany, NJ 07054.*

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