



Doug Presny, P.E, Principal

Doug Presny recently joined Kinergetics as a Principal with 22 years of industrial energy efficiency experience in the United States and at the international level. He is a Wisconsin registered Professional Engineer and is a Qualified Energy Expert with Steam and Pumping systems for the United States Department of Energy.

Mr. Presny has been employed as a plant energy manager, a project engineer, a utility representative, and has provided energy efficiency expertise to industry concerning both “best practice” and emerging energy efficiency technologies. His experience includes all aspects of energy efficiency from project identification and technical evaluation through project financing and completion.

Most recently, he provided support to the technology division of Wisconsin’s Focus on Energy Program, Cleantech Partners. In this role, he was responsible for identification of emerging energy technologies to select those that would be technically and economically viable in an industrial setting.

AREAS OF EXPERTISE

- Energy efficiency program development and training for governmental agencies and electric utilities
- Steam generation and use, pumping, fan and compressed air systems
- Metal casting, melting and heat treating and related operations
- Thermal and electrically driven and heat pumps for recovery of low grade waste heat with or without cooling
- Measurement, testing and verification for evaluation of processes and related support systems
- Facility and process energy balances to determine equipment capacity requirements for production modifications, energy baseline and post operating conditions
- Process and utility (boilers, compressed air, refrigeration, etc) heat recovery
- New technology due diligence, including renewable energy efficiency technologies

EDUCATION

- Bachelor of Science, Mechanical Engineering, University of Wisconsin-Platteville

PROFESSIONAL EXPERIENCE

- Principal, Kinergetics LLC
- Technology Deployment Specialist, CleanTech Partners/Focus on Energy
- Metal Casting / Food Processing Industry Lead, Focus on Energy
- Industrial Energy Advisor, SAIC/Focus on Energy
- Industrial Energy Engineer, Energy Center of Wisconsin
- International Energy Consultant, Resource Management Associates
- Plant Energy Manager/Mechanical Engineer, Badger Army Ammunition Plant
- Industrial Account Manager, Wisconsin Power and Light

LICENSES / CERTIFICATIONS

- Registered Professional Engineer – Wisconsin
- Certified Steam Systems Specialist – United States Department of Energy
- Certified Pump Systems Specialist – United States Department of Energy