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March 2008

Industrial Technologies Program E-Bulletin: Your Online Connection

Welcome to this edition of the *E-Bulletin* — your connection to news and resources from DOE's Industrial Technologies Program (ITP). Each monthly edition brings you the latest industrial news highlights, and announcements about new tools and resources, training events, and project opportunities.

Read the E-Bulletin and tap into opportunities to improve industrial energy efficiency today...and tomorrow! [Subscribe now!](#)

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Headlines



Industry Solicitations Abound

ITP is seeking solicitations from industry, labs, and Qualified Specialists to help meet the Energy Policy Act (EPAct) Section 106 goal, which calls for voluntary reduction of energy intensity of U.S. manufacturing industries by 25% over the next 10 years. Learn more about the following solicitations:

- [Energy-Intensive Processes 2008 Lab Call](#)
- [Funding Opportunity for Transformational Technologies](#)
- [Energy Expert Request for Quotes](#)

New Case Study Reveals How Chrysler Saves More Than \$627,000 in Energy Costs Annually After Receiving Save Energy Now Assessment



Optimizing boiler operation, reducing boiler blowdown, and implementing an ongoing steam trap maintenance program are just some of the steps Chrysler's St. Louis complex took to save approximately \$627,000 per year in energy costs. The complex, which produces mainly cars and light-duty trucks, received a DOE [Save Energy Now](#) energy assessment from [Energy Expert](#) Riyaz Papar of Hudson Technologies. Papar worked with two Chrysler employees to analyze the complex's steam system utilizing DOE's [Steam System Assessment Tool \(SSAT\)](#) software. By implementing several of the assessment recommendations, the complex achieved a simple payback of just over two months and is saving more than 70,000 MMBtu in natural gas annually. To learn more and see which Save Energy Now energy savings recommendations can be applied to your plant, read the case study ([PDF 578 KB](#)).

Locate Business Incentives for Improving Energy Efficiency Through ITP's New States Incentives and Resources Database

If you're looking for cost-effective ways to decrease energy use at your facility or business, check out the new ITP [States Incentives and Resources Database](#). Part of the recently updated [State Activities](#) Web site, the database features information on incentives available at the state, local, utility, and non-profit levels—including rebates, waived fees, tax credits, and loans. Search by one or more states, program name, and organization, assistance, and energy type. In addition to the incentives database, the State Activities Web site features state energy statistics, economic indicators, events and training, and R&D. Access a list of contacts for ITP's [Industrial Assessment Centers](#), [Manufacturing Extension Partnerships](#) through the National Institute of Standards and Technology, and Regional Application Centers that facilitate the deployment of [combined heat and power](#) technologies. You can also see which companies have completed a [Save Energy Now](#) assessment and been recognized by DOE.

New ISO Energy Management Standard Development Underway

The [International Organization for Standardization](#) (ISO) Technical Management Board recently accepted a proposal from the [American National Standards Institute](#) (ANSI) and Brazil's [Asociaciones Brasileiras de Normas Técnicas](#) to develop a new ISO energy management standard. The two organizations were allocated the secretariat of the standard Project Committee and will also be working with the [British Standards Institute](#) and the [Standardization Administration of China](#) in leading the international initiative.

ITP is partnering with U.S. industry, other Federal agencies such as the [Environmental Protection Agency](#) and [National Institute of Standards and Technology](#), and the ANSI to develop an ANSI-accredited plant certification program to promote improvements in industrial energy efficiency and management practices. Once available, the ISO energy management standard will be a key element of the voluntary plant certification process; U.S. manufacturing facilities will need to demonstrate that they have adopted the standard, as well as other energy system standards currently under development. Applying standards can help companies engage employees in technically sound and sustainable energy efficiency improvement processes; integrate those efforts into existing industrial management systems such as Six Sigma and ISO 9001 or 14001; and gain market value for their accomplishments. The first ISO Project Committee meeting will most likely take place in September. Industrial plants can start improving industrial system efficiency today by [applying](#) for a Save Energy Now energy assessment and utilizing ITP's [BestPractices](#) tools and resources.

Key Industries Cut Emissions Intensity by 9.4% in Four Years

The power and energy-intensive industrial sectors improved their combined emissions intensity by 9.4% from 2002 to 2006 according to the recently released DOE [Climate VISION Progress Report 2007](#) ([PDF 1.9 MB](#)). [Energy-intensive industries](#), which represent about 45% of U.S. greenhouse gas emissions, are working with their business associations and trade groups to participate in Climate VISION [Voluntary Innovative Sector Initiatives: Opportunities Now](#). This public-private partnership initiative was launched five years ago to help industry reduce greenhouse gas emissions by 18% from 2002 to 2012. The Climate VISION Progress

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EVENTS

WEBCAST: Introduction to Steam System Assessment Software Tools
March 26, 2008

WEBCAST: Introduction to Fan System Assessment Tool (FSAT)
April 4, 2008

WEBCAST: Introduction to Process Heating Assessment Tool (PHAST)
April 10, 2008

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FEATURES

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