



## Sustainable Solutions Post



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## KPPC Conducts Workshop for Industrial Energy Users in Owensboro

On November 1, KPPC conducted a Kentucky Save Energy Now (KY SEN) workshop in Owensboro, hosted by Owensboro Municipal Utilities, Kenergy Corp. and the Greater Owensboro Economic Development Corporation.



The workshop was held at the Owensboro Municipal Utilities Water Operations Center. It featured presentations by KPPC engineers addressing energy tracking, opportunity assessment and financing possibilities. The presentations were designed to help attendees create and sustain exceptional facility-level energy management programs. The event also allowed the 39 attendees to network with each other and with their energy service providers.



"Our first event with KPPC was a huge success," said Sharla Austin-Darnell, Commercial Accounts & Economic Development Specialist for Kenergy Corp. "We were able to partner with fellow agencies to bring several of the region's largest electric consumers together for an informative workshop on developing overall energy plans, understanding utility bills, and various opportunities for energy savings and more. The level of professionalism and expertise brought by KPPC staff served to enhance the overall effectiveness of the workshop and we look forward to working with this organization in the future."

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### Power Factor Webinar Available Online

If you missed the October broadcast of KPPC's Power Factor Webinar, you can now [access it on our website](#). The webinar explores the basics of Power Factor and Power Factor correction, helping participants develop an understanding of why Power Factor is important to both industrial facilities and utility companies, as well as learn about the benefits and drawbacks of common correction methods. Real examples from industrial facilities illustrate how having a low Power Factor can increase utility bill charges and negatively affect production equipment.

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### U.S. DOE Revamps the Industrial Technologies Program and Save Energy Now LEADER

KPPC has consistently supported the U.S. Department of Energy's Industrial Technology Program (ITP), which provided a great wealth of pertinent information for manufacturers, including superb software tools, informative fact sheets and case studies, and relevant training

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KPPC is Kentucky's primary resource to help businesses, industries and other organizations develop environmentally sustainable, cost-saving solutions for improved efficiency. Based at the University of Louisville J.B. Speed School of Engineering, KPPC provides technical information and assistance that is free, confidential and non-regulatory.

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that includes in-person workshops as well as webinars and other web-based training.

ITP has been undergoing significant changes since getting a new director early this year - Leo Christodoulou, not the least of which is a name change. ITP is now the Advanced Manufacturing Office (AMO). Also, as of December 1, the federal Save Energy Now LEADER initiative will be under a new name - [Better Buildings, Better Plants](#) - with two levels and improved tools.

DOE is pushing transparency among participants in the revised program, incorporating what KPPC already had realized and integrated into its Kentucky Save Energy Now (KY SEN) initiative - more recognition and interaction among peers. DOE and KPPC both recognize that this is the best approach to share and replicate the successful energy-related projects and strategies among all facilities that share the common goal of improving the bottom line through better energy management. KPPC will continue its focus on recognition and collaboration under KY SEN to provide quality assistance for our clients, while promoting use of all the resources available at the federal level.

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## Regional P2Rx Center Now Operated by KPPC

KPPC recently launched a new website for the [Pollution Prevention Resource Exchange \(P2Rx™\)](#), a national network of regional information centers. The [Environmental Sustainability Resource Center \(ESRC\)](#), previously supported by the North Carolina Division of Pollution Prevention and Environmental Assistance, is now located within KPPC, with funding provided by the U.S. EPA.



ESRC provides technical environmental sustainability information and training to industrial service providers in EPA Regions III and IV, which include Virginia, West Virginia, Pennsylvania, Washington, D.C., Delaware, Maryland, Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina and Tennessee.

The center will provide pollution prevention information to state environmental agencies, businesses, educators, technical assistance providers and the general public via regional and national expertise. ESRC will help organizations move toward environmental sustainability by reducing costs, minimizing ecological impacts and helping conserve, protect and maintain the environment.

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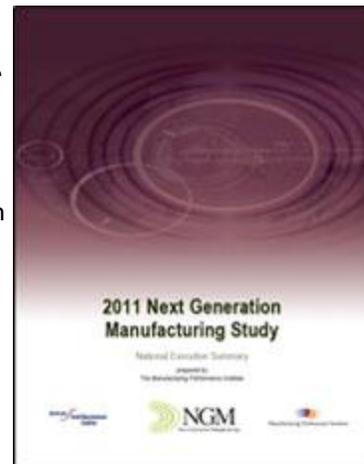
## Newsbits

- **EPA Publishes New Data on Solid Waste**  
U.S. EPA's Municipal Solid Waste (MSW) Generation, Recycling and Disposal in the United States: Facts and Figures for 2010 is [now available online](#). This annual fact sheet provides the most recent available data on U.S. waste generation, recycling and disposal of MSW from 1960 to 2010. The fact sheet provides further detail by materials type, including paper, glass, metals, plastics, food scraps, yard trimmings and other materials. It also examines trends in recycling, combustion and landfill disposal.

- **National Manufacturing Study Reveals New Trends, Steps for Success**

The American Small Manufacturers Coalition (ASMC) recently released the results of its [2011 Next Generation Manufacturing Study](#), identifying key trends affecting the industry and steps U.S. manufacturers can take now to be successful in the next generation.

The study, conducted by the Manufacturing Performance Institute, finds that this is a critical point in time for U.S. manufacturing, and manufacturers must assess whether they have the workforce, business systems, equipment and strategies in place to successfully compete in the future. While external factors, like the economic downturn present challenges, manufacturers can remain competitive by focusing on six strategies assessed by the NGM Study as a blueprint for success.



- **View Videos from America Recycles Day**  
In honor of America Recycles Day on November 15, Keep America Beautiful conducted its first-ever [video contest](#) this year. The judging committee selected the top 10 videos based on creativity and use of the "Recycling is no Joke" theme. These [top 10 videos were posted on YouTube](#), and the public was asked to vote for their favorite. In total, the videos received over 18,000 views.

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## Upcoming Training, Events and Conferences

### 2011 Pollution Prevention and Lean Principles Workshop, December 6-8, Houston, Texas

Sponsored by the [Zero Waste Network](#), this course will provide the opportunity to improve the efficiency of your organization through the elimination of pollutants and the application of lean principles within an environmental management system. The first day will focus on how an EHS manager can transform their role as "EHS compliance officer" into a sustainability and profit manager. There will also be an overview of principles of lean operations so you are equipped to improve the bottom line, reduce your regulatory burdens and increase the overall efficiency of your organization. The next two days will be an interactive workshop led by experts in pollution prevention, environmental management systems, environmental regulations and energy efficiency.

Participant Fee: \$495. Registration and additional information is [available online](#). The Zero Waste Network is one of eight [Pollution Prevention Resource Exchange \(P2Rx™\)](#) Centers, serving as a national network of regional information centers.

### Free Energy Star Webinars—December

Visit the [Energy Star Training Center](#) for more information and to register for any of these sessions. (All webinars are Eastern Time.)



- K-12 Benchmarking 101, December 6, 2:00-3:00 p.m.
- Responding to the Climate Change Imperative: Setting Energy Use Targets with Energy Star, December 13, 2:00-3:00 p.m.
- Benchmarking Water/Wastewater Treatment Facilities in Portfolio Manager, December 15, 2:00-3:15 p.m.
- Sneak Peak at the Portfolio Manager Upgrade, December 19, 3:00-4:00 p.m. or December 20, 1:00-2:00 p.m.
- Computer Power Management with Energy Star, December 20, 1:00-2:00 p.m.