

Sustainable Solutions post



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Natural Gas Utility Efficiency Programs Webinar – April 14, Noon to 2 p.m. EDT

Kentucky Save Energy Now Workshops for Energy-Intensive Facilities – April 14 in Erlanger, or April 15 in Richmond



Energy, Facility, Maintenance and Purchasing Managers -

Learn how KPPC can help your industry or manufacturing facility save energy and lower operating costs at one of these full-day workshops. Sessions will be conducted by KPPC engineers and specialists in the energy field. Guest speakers will include representatives from the U.S. Department of Energy, regional utilities and consultants.

Topics will include:

- 7 Steps to Energy Management
- Understanding your Utility Bill
- Energy Tracking
- Baselines and Benchmarking
- Energy Assessments
- Identifying Opportunities
- Financing Opportunities
- Area Utility Resources
- U.S. DOE's Industrial Technology Program

The cost is \$25, which includes lunch, and [registration is required](#) one week in advance. Additional workshops will be offered in June.

The Kentucky Save Energy Now Workshops are funded by the American Recovery and Reinvestment Act, through the combined efforts of the following organizations: Kentucky Department for Energy Development and Independence, the U.S. Department of Energy and KPPC.

Louisville Company Receives WasteWise Partner of the Year Award

Congratulations to FetterGroup of Louisville for receiving a 2009 [WasteWise](#)

Rural Recycling –
Bridging the Gaps
Webinar – April 15,
1:00-2:30 p.m. EDT

40th Anniversary of
Earth Day – April 22

Date Change for KRIG
Spring Meeting – May 6
– Frankfort

Sustainable
Manufacturing Summit –
May 11-12 – Chicago,
Illinois

[Partner of the Year Award](#) at a ceremony on March 22, 2010, in Arlington, Virginia. The award recognizes universities, government agencies and private companies for their environmental commitments to reduce waste under the U.S. EPA's WasteWise program. This year's winners were honored for their environmental achievements to prevent and recycle waste, and for specific programs that go beyond current federal standards to reduce greenhouse gases and remove harmful chemicals.

KPPC has worked with FetterGroup since 2007 as part of the company's sustainability initiative, and the Center is a partner in the [U.S. EPA's WasteWise program](#). WasteWise helps its partners meet goals to reduce and recycle municipal solid waste and selected industrial wastes. The program offers free technical assistance, tools and planning documents, data sources and calculators to determine the environmental and economic benefits of your waste reduction program, public recognition and networking opportunities.



Launched in 1994, WasteWise has more than 2,400 partners in dozens of industry sectors. Partners include large corporations, small and medium-sized businesses, schools, colleges, universities, hospitals, state and local governments, tribes and other institutions. In addition, the WasteWise Endorser Program engages state and local government agencies, trade associations, nonprofit organizations, and businesses to help educate their constituents about the benefits of reducing solid waste.

Kentucky Companies Recognized for Energy Efficiency

Three Kentucky companies have been honored by the U.S. EPA as [ENERGY STAR award winners](#) for their long-term commitment to energy efficiency.

- FetterGroup of Louisville was recognized for the company's strong commitment to sustainability and actively including energy management as a critical part of that effort. FetterGroup was recognized for its comprehensive energy management program.
- GE Consumer & Industrial of Louisville was recognized for outstanding efforts to produce and promote ENERGY STAR qualified lighting and appliances. This is the fifth consecutive year GE has earned ENERGY STAR Sustained Excellence recognition.
- Toyota Motor Engineering and Manufacturing North America, Inc. of Erlanger continues to enhance its energy management systems and share its expertise with other manufacturers. This is the sixth time Toyota has received ENERGY STAR Sustained Excellence recognition.



For details, see [Profiles in Leadership 2010 ENERGY STAR Award Winners](#) on

the U.S. EPA Web site.

Commercial Businesses, Non-profits, Local Governments and Educational Institutions Eligible for Global Climate Change Mitigation Incentive Fund

In fiscal year 2009, Congress directed that the Economic Development Administration (EDA) should use the Global Climate Change Mitigation Incentive Fund to focus on the nexus between economic development and environmental quality. Congress noted that economic development must address the effects of climate change.

The intent of the fund will be to finance projects through grants that foster the green economy by promoting economic competitiveness while enhancing environmental quality. Such projects should promote sustainability, diversify the economy, foster 21st century higher-skill, higher-wage jobs and advance EDA's mission. Types of projects covered under the fund include:

- Renewable Energy
- Energy Efficiency
- Reuse/Recycling/Restoration
- Green Building

Learn more about the fund and how to apply through the U.S. Department of Commerce's online [pdf publication](#).

Newsbits

- **Paper Recovery Hits Record High**

The [American Forest & Paper Association recently announced](#) that a record-high 63.4 percent of the paper consumed in the U.S. was recovered for recycling in 2009. This rate exceeds the industry's 60 percent recovery goal three years ahead of schedule.

- **Kentucky's Climate Change Action Planning Process**

The Commonwealth of Kentucky established the [Kentucky Climate Action Plan Council](#) (KCAPC) process to identify opportunities for Kentucky to respond to the challenge of global climate change while becoming more energy efficient, more energy independent and spurring economic growth. Through [KREC's](#) work regarding climate change, KPPC Executive Director Cam Metcalf was appointed to the Agriculture, Forestry and Waste Management [Technical Work Group](#). The KCAPC will meet approximately every other month, and the final report is due December 2010.

- **U.S. EPA Funding Projects in Kentucky through the American Recovery and Reinvestment Act (ARRA)**

Recent announcements include:

- [\\$4.17 million drinking water project in Louisville](#). The I-64 pipeline project will fund improvements in water service for existing Louisville Water Company customers and expand service to Eastern Jefferson County, Shelby County and Frankfort.
- [\\$1.95 million to jumpstart construction of waste-to-energy facility at Kentucky Horse Park](#). The Kentucky Horse Park received

loans through the Clean Water State Revolving Fund for the purchase and installation of a manure bioenergy management facility.

Green Tip of the Month

Use Online Resources When Conducting or Attending Training

Recently organizations have paid close attention to the cost reductions and environmental energy savings associated with online learning and reduced travel.

Here are some benefits that can be obtained through online learning:

- Course materials are all online — LESS WASTE
- No need to drive to a live class — SAVE GAS
- No leftover refreshments — SAVE WATER
- No need to cool or light a classroom — SAVE ENERGY

A study performed by Britain's Open University found that producing and providing distance learning courses consumes an average of 90 percent less energy and produces 85 percent fewer CO2 emissions per student than conventional face-to-face courses.

Mark your Calendar for these Upcoming Conferences and Events

53rd Annual Water and Wastewater Operators' Conference – April 11-14 – Louisville

The Annual Water and Wastewater Operators' Conference will offer over 70 technical sessions and more than 100 exhibitors, as well as an opportunity to network and exchange information with fellow professionals. The event will provide up-to-date, hands-on information for the operation of drinking water treatment, distribution, wastewater collection and treatment systems.

During the conference, KPPC Executive Director Cam Metcalf will present on "Nutrients: The Issues and Opportunities" on April 14 at 12:30 p.m.

[Registration](#) costs are \$135 for members of the Kentucky Water and Wastewater Operators' Association and \$170 for non-members.

Natural Gas Utility Efficiency Programs Webinar – April 14, Noon to 2 p.m. EDT

Industrial Technologies Program

This session will focus on natural gas utilities and the energy efficiency programs they offer their customers. Speakers may also include other organizations that support programs to improve natural gas efficiency. Opening the discussion of energy efficiency to natural gas utilities is important as much of the utility focus is placed solely on electric utilities. The U.S. Department of Energy's Industrial Technologies Program has partnered with Western Area Power Administration, the American Public Power Association (APPA) and APPA's Demonstration of Energy Efficient Development to present this event as part of a series of

industrial webinars. [Registration](#) is required.

Rural Recycling – Bridging the Gaps Webinar – April 15, 1:00-2:30 p.m. EDT

As small towns and rural communities work to provide recycling services, they are faced with unique challenges that make effective recycling programs expensive and difficult to implement. From the distances between households to the smaller financial base, communities across America struggle to provide recycling services in their communities. Many communities have discovered ways to engage their community to reduce, reuse and recycle. [This free U.S. EPA webinar](#) will feature experts talking about resources for implementing recycling in rural communities and to give examples of programs that work.



Speakers:

English Bird, New Mexico Recycling Coalition
Jason Stockdale, New Mexico Recycling Coalition
Vicky Salazar, EPA Region 10, Round Table Facilitator

40th Anniversary of Earth Day – April 22



Make plans now to celebrate Earth Day at work and at home, and encourage your employees to get involved. Suggestions for improving environmental performance and efficiency at your business or organization are listed at the [KPPC Web site](#).

Date Change for KRIG Spring Meeting – May 6 – Frankfort

All businesses, citizens and government and educational entities interested in recycling are invited to the Spring Meeting of the Kentucky Recycling Interest Group (KRIG). The meeting will be held Thursday, May 6, in conference room 301D, 300 Fair Oaks Building.

Facilitated by the Kentucky Division of Waste Management, KRIG is a public-private partnership organization that promotes economically-viable, safe, energy-conserving and sustainable recycling and waste management practices. Contact Shannon Powers for details at 502-564-6716 ext. 4631 or ShannonL.Powers@ky.gov. Meeting registration will be available soon on KPPC's Web site.



Sustainable Manufacturing Summit – May 11-12 – Chicago, Illinois

Through cutting-edge case studies and discussion panels, the [Sustainable Manufacturing Summit](#) showcases the manufacturers leading the transition to



sustainable and profitable manufacturing and offers the latest innovations in green products. This third-annual event offers business executives of all levels practical advice and benchmarks for their own sustainability initiatives and the opportunity to understand the future direction of climate response.

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.

