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## KPPC Expands Services for Industrial and Commercial Facilities

KPPC will receive \$2.23 million in federal stimulus funding through the U.S. Department of Energy for the Kentucky Industrial and Commercial Sustainability Program (KICSP). The funding expands KPPC's nearly decade-long success in providing energy efficiency and renewable energy services for a variety of Kentucky manufacturers, businesses, schools, universities, government agencies and other organizations. The KICSP services will be provided through [KPPC's Environmental Sustainability Program](#).

With this expansion, KPPC will create new green jobs and implement projects that will have long-term impacts for Kentucky's economy and environment, reducing energy use by Kentucky manufacturers. KPPC engineers and technicians will work with commercial and industrial clients to conduct assessments to identify and help implement energy efficiency measures and provide training in utility bill analysis, energy procurement and the development of energy management plans. The long-term goal of the program is to achieve self-sustaining client energy programs that reduce energy consumption and greenhouse gas (GHG) emissions.

The Center has provided on-site assessments to more than 500 clients throughout Kentucky since 1994, and Executive Director Cam Metcalf explains that the program expansion will allow the Center to reach out to an even greater audience. Metcalf states that, "With this funding, KPPC will be able to leverage our existing capabilities and provide services to even more companies and



*Making the funding announcement during the February 17 press conference, (left to right) Energy and Environment Cabinet Secretary Len Peters, KPPC Executive Director Cam Metcalf, FetterGroup President and CEO Terry Gill and UofL President James Ramsey.*

and June

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Kentucky Recycling  
Interest Group Spring  
Meeting – April 27,  
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clients. We will recognize the achievements already being made by Kentucky companies and will encourage them to continue their efforts. Moving toward sustainability in manufacturing requires dedicated and consistent vision and planning on the part of company leadership, as well as technical support and training, and KPPC can be a valuable partner to industry in this process.”

KPPC would like to thank FetterGroup for hosting state government, university and media representatives for this announcement on February 17 in Louisville. President and CEO Terry Gill described his company's long-term successful relationship with KPPC, and attendees were taken on guided tours through the facility to see first-hand some of the pollution prevention and energy efficiency initiatives that have been implemented.

[Video from the press conference](#) at FetterGroup is available at the University of Louisville Cardinal Cam.

Kentucky Save Energy Now Workshops will be held in April and June to help industries and manufacturing facilities learn how KPPC can help them save energy and lower operating costs through this program. Details will be available on the [KPPC Web site](#).

## Clean Energy Week 2010 Showcased Urgent Need for Clean Energy Jobs, Energy Efficiency and Climate Solutions

More than 100 organizations nationwide joined together to maximize efforts to move clean energy to the forefront of national policy. Officially declaring February 1-5, 2010 as [Clean Energy Week](#), partner groups in the renewable energy, energy efficiency and environmental areas worked together to produce a high-impact week of activities and events.

Clean Energy Week involved non-governmental organizations, non-profits, associations, private corporations, and government agencies conducting breakfasts, lunches, dinners, receptions, workshops, press conferences, rallies and outreach activities on Capitol Hill and across Washington, D.C.

The week was focused on the national imperative to enact comprehensive clean energy policy - including climate solutions, and renewable energy and energy efficiency programs - as a means of creating vast numbers of new jobs, ensuring U.S. global leadership in the emerging clean energy era, enhancing our security and preserving our planet for the generations to follow.

A [video of the Clean Energy Week media conference](#) is available online. Clean Energy Week 2011 has been tentatively set for February 28 - March 4, 2011.

## Newsbits

- **Sustainability at the Olympic Games**  
The [Vancouver games](#) showcase medals made from end-of-life electronics, grass-covered roofs and other sustainability efforts.
- **Updated Tool – WASTE Reduction Model (WARM)**  
U.S. EPA created the [WASTE Reduction Model \(WARM\)](#) to help solid

waste planners and organizations track and voluntarily report greenhouse gas (GHG) emissions reductions from several different waste management practices. WARM is available both as a Web-based calculator and as a Microsoft Excel spreadsheet.

WARM calculates and totals GHG emissions of baseline and alternative waste management practices—source reduction, recycling, combustion, composting and landfilling. The model calculates emissions in metric tons of carbon equivalent (MTCE), metric tons of carbon dioxide equivalent (MTCO<sub>2</sub>E), and energy units (million BTU) across a wide range of material types commonly found in municipal solid waste (MSW).

In addition, [iWARM, a consumer version of WARM](#) helps consumers understand the energy saved by recycling small quantities of common household products, rather than landfilling them. iWARM uses the same energy factors as WARM to provide the relative energy savings from recycling rather than landfilling. The energy savings are translated into the equivalent amount of electricity, and an estimate of how long that amount of electricity will operate a variety of household appliances is provided.

- **New Certification for Safe, Ethical Electronic Waste Recycling**

The Natural Resources Defense Council (NRDC) recently announced its endorsement of the first-ever certification program for electronics recycling created jointly by the environmental community and business leaders. The new e-Stewards Certification and Standard, held by the Basel Action Network (BAN), a global non-profit organization based in Seattle, is seen as essential to stem the tide of hazardous old computers, TVs, monitors and other electronic waste currently flooding African and Asian countries such as Ghana, Nigeria, India, Pakistan and China. The e-Steward Certification is a fully accredited certification that relies on independent, third-party auditors to verify safe and ethical e-waste disposal.

NRDC encourages electronics recyclers to become e-Steward Certified, and businesses to become designated "e-Steward Enterprises" by agreeing to give priority to e-Steward recyclers for their old electronic assets. For more information visit: [www.e-stewards.org](http://www.e-stewards.org).

Find [Kentucky computer/electronics recyclers](#) through the Recycling Services Directories maintained by KPPC. Companies can list their contact details in the directory by registering for [KIME](#) - Kentucky Industrial Materials Exchange.

- **Value of Unrecovered Material**

Some national figures on the value of non-recycled (disposed) material presented during a February 4 webinar hosted by the Association of Postconsumer Plastic Recyclers included the following.

- Paper: Recycling rate of 57 percent results in \$3.1 billion worth of material disposed annually.
- Aluminum cans: Recycling rate of 55 percent results in \$1.3 billion worth of material disposed annually.
- Plastic bottles: Recycling rate of 27 percent for HDPE, 29 percent for PET results in \$1.6 billion worth of material disposed annually.

- Steel cans: Recycling rate of 65 percent results in \$400 million worth of material disposed annually.
- Glass bottles: Recycling rate of 28 percent results in \$210 million worth of material disposed annually.

More information on recycling's impact on the economy is included in the [presentation materials available for download](#).

## Green Tip of the Month

### Catering with Concern

Are you in charge of providing food for meetings or events? Consider the effects of your choices on people's health, the environment and the local economy. Some things you can do: Seek healthier, fresher options. Strive to purchase as much local, seasonal food as possible. Avoid excessively packaged and wrapped foods. Provide a pitcher of tap water instead of bottled water.

## Mark your Calendar for these Upcoming Conferences and Events

### Plastics Recycling 2010 Conference – March 2-3 – Austin, Texas

Sessions at this year's conference will relate to certification, legislation, export, design and the state of the plastics recycling industry. The trade show floor will include dozens of representatives from across the industry: equipment and processing system companies, materials handlers, consultants and commodity brokers.

[More information on the conference](#), including sponsorship and exhibiting opportunities, is available online.

### KREC Quarterly Meeting – March 10, 9:00-11:00 a.m. (EST) – Frankfort

The March 10 [KREC](#) meeting will be a special event held in Frankfort's Capitol Annex Building during the 2010 Legislative Session. The event will feature displays and materials in an "open house" setting, and will provide a unique opportunity for the Kentucky Renewable Energy Consortium to share information on renewable energy and energy efficiency with leaders in Frankfort. Please [register today](#).



### Tracking and Reporting on Environmentally Preferable Purchasing – Webinar – March 11, 2:00-2:45 p.m. (EST)

Every Environmentally Preferable



Purchasing (EPP) program should publish an annual report on its EPP efforts. Annual EPP reports ensure that your program receives recognition and can be used to justify its existence to stakeholders. Join this free webinar to learn about the latest Responsible Purchasing Network resource, a Model Annual EPP Report. [Registration](#) is required.

### **Green Casinos - The Path to Maximizing Sustainability and Profits Webinar – March 18, 1:00-2:30 p.m. (EDT)**

This free webinar will highlight the benefits of operating a green casino that maximizes both sustainability and profit. Green casinos incorporate a variety of green building concepts and operation techniques that maximize energy savings and indoor air quality, minimize garbage, food waste and water use, and provide a healthy environment for workers and customers. The U.S. EPA webinar will provide participants an introduction to conducting environmental assessments for casino operations as well as identifying pollution prevention strategies in both the planning and operation phases. [Registration](#) is required.



### **Save the Date – Kentucky Save Energy Now Workshops – April and June**

Energy, Facility and Maintenance Managers - Learn how KPPC can help your industry or manufacturing facility save energy and lower operating costs at one of these full-day workshops.

- April 14, Erlanger
- April 15, Richmond
- June 9, Louisville
- June 16, Bowling Green

The cost for these workshops is \$25, including lunch.

### **Save the Date – Kentucky Recycling Interest Group Spring Meeting – April 27, Frankfort**

Mark your calendar. Details will follow.

