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KRIG Discusses Recycling in Kentucky

At the May 6 Kentucky Recycling Interest Group (KRIG) meeting in Frankfort, participants discussed the group's ongoing projects and plans for the rest of the year. Currently, KRIG is in the initial stages of developing a summary of recycling in Kentucky with an emphasis on how recycling effects jobs in the state. The goal of the summary, to be compiled by October, is to help increase awareness and expand recycling in the state.

To showcase what it means to have a Zero Waste statewide organization and how it benefits Kentucky, KRIG will conduct a session and have a booth at the 34th Governor's Conference on the Environment planned for October 20-21. At the conference, KRIG will promote the benefits it offers members, such as networking opportunities, partnering, mentoring, sharing of lessons learned and sharing of the latest recycling trends.



Kentucky Energy and Environment Cabinet Deputy Secretary Hank List welcomed attendees to the KRIG Spring Meeting, discussing the importance of balancing economic development with addressing environmental issues.

Participating companies, Dart Container and Rumpke Recycling, were invited to discuss their experiences using recycled materials to make products, and provide overviews of their internal recycling programs and recycling-related services.

**Thanks to River Metals Recycling LLC and Green Metals, Inc. for sponsoring lunch for the KRIG meeting.*

For information about KRIG, contact Shannon Powers at 502-564-6716 ext. 4631

– June 1-9

Combined Heat and Power (CHP) Case Studies Webinar – June 9, Noon - 2:00 p.m. EDT

Kentucky Save Energy Now Workshops – June 9, Louisville and June 16, Bowling Green

Green Business Conference, "Go Green, Make Green PAY" – June 17, 8:30 a.m. - 2:30 p.m. CDT – Hopkinsville

Multi-Unit Residential Recycling Programs Webinar – June 17, 1:00 - 2:30 p.m. EDT

or ShannonL.Powers@ky.gov.

Delegation from Ukraine Learns about Waste Management in the United States



On Friday, May 7, KPPC Executive Director Cam Metcalf met with a delegation of 10 waste management professionals from the Zaporizhzhya Region of Ukraine to discuss the Center's mission and services.

The Ukrainian delegation visited Kentucky from April 22 to May 13, under the auspices of the U.S. Agency for International Development and World Learning, Inc. The program was sponsored locally by the World Affairs Council of Kentucky/Southern Indiana.

The visit exposed the Ukrainian visitors to waste management methods, technologies and regulations in the United States. They visited local companies, landfills and other sites, and met with environmental NGO activists, public health specialists and local public and private waste management service providers.

Find us on Facebook!

KPPC is now part of the social networking community. The Center recently launched Facebook pages for KEEPS - Kentucky Energy Efficiency Program for Schools - and KREC - Kentucky Renewable Energy Consortium. Visitors to the KEEPS and KREC Facebook pages can share insights and ideas, ask questions and participate in discussions about how best energy management practices and renewable energy research and development can reduce operating costs for Kentucky public school districts, businesses, industries and other organizations. To access the pages, [log onto your Facebook account and search for "KEEPS Kentucky" or "KREC Kentucky."](#)



Newsbits

- **State Board Approves Biomass Plant**
[From Energy Central:](#) A state organization has approved construction of a plant in Perry County that would burn wood to generate electricity.

The Kentucky State Board on Electric Generation and Transmission Siting, which considers issues such as noise, visual impact and effects of facilities on the Kentucky electric grid, granted the certificate. EcoPower Generation LLC wants to build the plant on a 125-acre site in an industrial park north of Hazard. The facility would burn low-grade logs and wood

waste to generate electricity. It would be a merchant plant, selling power on the wholesale market to other distributors, rather than directly to homes.

The plant, which would employ 40 people when completed, would produce enough electricity to power 30,000 homes, a company official has said.

- **Duke Energy Proposes Switch to PJM Regional Transmission Organization**

[From PRNewswire:](#) May 20 - Duke Energy announced today plans to change the membership of Duke Energy Ohio and Duke Energy Kentucky from the Midwest Independent System Operator to the PJM regional transmission organization.

"Joining PJM will bring long-term benefits for Duke Energy's Ohio customers because it puts all Ohio utilities in the same wholesale market, where customers will benefit from the same wholesale and retail market rules," said Keith Trent, group executive and president of Duke Energy's Commercial Businesses. "Because our Kentucky generation is connected to our Ohio transmission system, the move to PJM will also bring long-term benefits to our Kentucky customers."

Having all power plant owners in the same RTO -- subject to the same price and market signals -- will also assist in outage and maintenance planning.

- **"A Decade of Product Stewardship in America"**

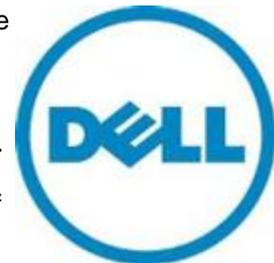
[This article](#), written by PSI's Executive Director, Scott Cassel, and reprinted with permission from *Resource Recycling*, provides quick basics and background



context, as well as the status of product stewardship legislation in the United States. It emphasizes the opportunities created by product stewardship for recyclers, and argues for greater attention on recycling standards so those managing products safely are not at a competitive disadvantage to sham recyclers.

- **Smarter Packaging – Compostable Bamboo**

[From Business Wire:](#) By 2012, Dell aims to reduce packaging volume by 10 percent; increase the amount of recycled content in packaging by 40 percent; and increase the amount of materials in packaging that's curbside recyclable to 75 percent. To achieve these goals, the company is implementing a strategy based on the Three C's of Smarter Packaging:



1. Cube: How big is the box? Could it be smaller?
2. Content: What is the packaging made of? Could it be made of something better?
3. Curb: Is it easily recycled?

Adding to its attributes as an environmentally responsible alternative to traditional packaging materials, Dell's bamboo packaging has been certified "compostable," making responsible disposal of the packaging easier and more sustainable for customers. The packaging recently received American Society for Testing and Materials (ASTM) D-64000 certification, which confirms that the packaging will compost and biodegrade.

Green Tip of the Month

Race to reduce energy consumption - turn off your screen saver

The EPA has estimated that using a computer's "sleep mode" reduces its energy consumption by 60 to 70 percent and, on a large scale, ultimately could save enough electricity each year to power Vermont, New Hampshire and Maine, cut electric bills by \$2 billion, and reduce carbon dioxide emissions by the equivalent of five million cars. A screen saver that displays moving images causes your monitor to consume as much electricity as it does in active use. A blank screen saver is slightly better but that reduces energy consumption by only a small amount.



The best screen saver is also the best energy saver: turn off your monitor when you're not using it. The next best idea is to use your computer's power management feature to automatically shut the monitor down when it is not in use.

Despite the rumors, leaving your computer on overnight is in fact less efficient than shutting it down and booting it up the next day. Turning off your computer will decrease the amount of energy it uses, reduces its mechanical stress and prolong its life.

Mark your Calendar for these Upcoming Conferences and Events

The Business Case for Carbon Management Webinar – May 27, 11:30 a.m. - 12:30 p.m. EDT

Join Joel Makower, Chairman and Executive Editor of GreenBiz.com in a conversation with David Metcalfe, Director, Verdantix, and Michael Lehane, Director of Product Management of IHS. In this live webcast, they will examine the business case for carbon management and the role of a Chief Sustainability Officer (CSO). Topics to be addressed include:

- Which CO2 compliance risks and competitive pressures are many firms not prepared for?
- What financial returns should companies expect from a carbon management system?
- How is strategic planning essential to benefits realization and operational excellence?
- Why are auditable data capture and granular energy and carbon data essential?
- Where do Chief Sustainability Officers fit in and what responsibilities will they carry?

GreenBiz.com[®]
Business Voice of the Green Economy

[Register for this free webinar.](#)

KEEPS Reporting and Tracking Webinar Series – June 1-9

Register and join one of these one-hour sessions to learn about the reporting requirements for Kentucky public school district boards of education and a FREE Utility Tracking Tool provided by KEEPS - Kentucky Energy Efficiency Program for Schools. Webinars are scheduled for June 1, 3, 7 and 9, and [pre-registration is required](#).



Combined Heat and Power (CHP) Case Studies Webinar – June 9, Noon - 2:00 p.m. EDT

Industrial Technologies Program

Part of the 2010 Industrial Utility Webinar Series, [this session](#) will discuss industrial energy consumers who have developed CHP resources on their sites. The focus will be on challenges and benefits of CHP implementation. This session will also include utility programs which help industrial customers develop CHP resources. Developing an understanding of what it takes to develop CHP resources is a crucial step in putting CHP projects in the ground.

The U.S. Department of Energy's Industrial Technologies Program (ITP) has partnered with Western Area Power Administration (WAPA), the American Public Power Association (APPA) and APPA's Demonstration of Energy Efficient Development (DEED) to present this series of industrial webinars.

Kentucky Save Energy Now Workshops – June 9, Louisville and June 16, Bowling Green



Learn how KPPC can help your industry or manufacturing facility save energy and lower operating costs - [register today for a KY SEN workshop!](#) The \$25 cost for each of these full-day workshops includes lunch.

Green Business Conference, "Go Green, Make Green PAY" – June 17, 8:30 a.m. - 2:30 p.m. CDT – Hopkinsville

Help businesses, local government, non-profits and individuals learn how to profit from the green economy. The luncheon keynote speaker is John Janssen, former Mayor of Greensburg, Kansas, who championed the decision to rebuild his community using environmentally friendly "green" approaches after it was flattened by a tornado. Break-out sessions will focus on "green" business practices for small businesses, local governments, non-profits and tourism and hospitality businesses. [The](#)



*Inspiring Innovation.
Growing Leaders.
Advancing Kentucky.*

[conference](#) is hosted by Kentucky State University's Cooperative Extension Program in partnership with USDA Rural Development and MEDI of Western Kentucky, Inc. The \$10.00 registration fee includes resource materials and lunch. For more information, contact: ashlee.jackson@kysu.edu or phone (502) 597-5904, or hsnorton@medisuccess.org or phone (270) 839-3426.

Multi-Unit Residential Recycling Programs Webinar – June 17, 1:00 - 2:30 p.m. EDT

Communities with multi-unit residential recycling programs have identified many differences between multi-unit recycling and traditional curbside recycling. Many recycling education and implementation challenges are unique to multi-unit buildings. Join [this U.S. EPA webinar](#) to hear speakers from New York City, Chicago, and Ann Arbor share details about their communities' multi-unit residential recycling programs and strategies for improving recovery of recyclables from multi-unit buildings.



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.

