



Sustainable Solutions Post



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Kentucky Industries Recognized for Advances in Energy Management

Nine industrial and commercial facilities from across Kentucky were recognized at an August 3 awards ceremony for their progress in reducing energy usage through the Kentucky Save Energy Now (KY SEN) initiative. The awards were presented at a Kentucky Energy Alliance meeting hosted in Erlanger, Kentucky, by The United States Playing Card Company.

Each of the recognized companies signed the KY SEN pledge in 2010, committing to reducing energy use at their facilities by 2.5 percent per year for 10 years. Since then, they have worked with KPPC engineers to establish or strengthen their energy management programs and are progressing through the [five-level KY SEN recognition program](#).



Presenting the awards, KPPC Executive Director Cam Metcalf lauded the companies' commitment to long-term energy savings. "KPPC's focus is not on seeing its clients achieve a one-time energy and cost savings, but on helping them build strong energy management programs that will realize year-after-year sustainable results. The companies recognized today have made the commitment and are setting themselves up to reach their goals of significant, long-term energy-use reductions and cost savings," he said.

The following companies were recognized for completing the level-three milestones: assessing their operations for energy-saving opportunities and developing energy action plans.

- Altec Industries, Elizabethtown
- Greenlee Textron, Inc., Louisville

- Hausner Hard-Chrome of Kentucky, Owensboro
- Temple-Inland, Maysville
- The United States Playing Card Company, Erlanger

The following companies were recognized for completing the level-four milestones: implementing their energy action plans and evaluating the progress of their energy management programs.

- Central Motor Wheel of America, Paris
- Intertape Polymer Group-Richmond Plant, Richmond
- Kindred Healthcare, Louisville
- Reynolds Packaging-Louisville Laminating Plant, Louisville

The KY SEN initiative is 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.

Kentucky Energy Alliance meets at USPC in Erlanger

Industry and state government representatives joined KPPC August 3 for the third meeting of the Kentucky Energy Alliance (KEA). Fifty-seven attendees gathered at [The United States Playing Card Company](#) facility in Erlanger, Kentucky. For over 100 years, USPC has been the leader in production and distribution of premier playing cards and a creator of innovative games.



"USPC hosted the Kentucky Energy Alliance meeting to showcase our accomplishments in the energy arena and to thank KPPC for helping us set up a great energy program to reduce energy usage. We have toured and attended meetings at other sites and wanted to give others the opportunity to tour our facility. The networking that takes place at these events is priceless, allowing industries to learn from each other and discuss their experiences and share resources."

*-Rick Montgomery, Facility and Security Manager
The United States Playing Card Company*

KEA meetings are presented as part of KPPC's environmental sustainability training series and provide a forum for attendees to learn from one another, discussing their concerns and experiences in trying to improve energy efficiency at their facilities. The August 3 meeting featured presentations from member industries and a discussion of utility opportunities, as well as the USPC case study and facility tour. One resource mentioned at the meeting was the Database of State Incentives for Renewables & Efficiency ([DSIRE](#)) website, which is a central reference source for government tax credit and utility rebate program information.

[See photos from the KEA meeting.](#)

The next Kentucky Energy Alliance Facility Tour and Roundtable will be held October 11, 2011, at Republic Conduit in Louisville, Kentucky. [Register now.](#)

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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Demand Management Webinar Now Available

If you missed the June broadcast of KPPC's Demand Management Webinar, you can now [access it on our website](#). The webinar explores the basics of demand pricing, smart metering equipment, securing/formatting demand interval data and using data to find opportunities for energy savings and load shedding/shifting opportunities.

Newsbits

- **GE Unveils First Platinum LEED-Certified Data Center in Kentucky**
On August 18, GE [announced the opening of a revolutionary new data center](#) at its Louisville, Kentucky, Appliance Park headquarters. Of all LEED-certified buildings globally, only 6 percent have achieved Platinum certification, and GE's new facility is the first LEED-Platinum data center in Kentucky.

The data center is 34 percent more efficient in terms of energy savings than a typical code-compliant building. In addition to installing innovative, high-efficiency cooling systems, GE is installing high-density servers to pack more computing power per square foot, reducing the size of the data center floor by half compared to the data center it replaces. This means that less energy is needed to cool the space. Water consumption inside the building is being reduced by 42 percent compared to the industry baseline by installing ultra low-flow fixtures. Outside the building, GE is reducing water consumption by 100 percent. GE has offset 35 percent of the data center's predicted annual energy consumption through the purchase of off-site renewable energy.

Rather than building the new data center from scratch, GE revitalized an existing building for the new data center, maintaining 98.3 percent of the walls, floors and roof of unutilized

factory space. GE also received LEED credit for sourcing 51 percent of construction materials regionally, building with 30 percent recycled materials and diverting 85 percent of on-site generated construction waste from the landfill (i.e. recycling).

- **Federal Building Roof Goes Green**

From WDRB.com. The largest green roof in Kentucky is now growing on a building in Louisville. It will help the environment and cut costs at the same time.

Neil Morgan, Director of the Kentucky Service Center, explains, "The sustainability project started with an idea between the federal government and the city government." That green partnership morphed into a flourishing garden on top of the Mazzoli Federal Building in downtown Louisville. The idea is to recycle rainwater instead of letting it create costly waste runoff.

MSD Project Manager Wesley Sydnor explains, "Over 90 percent of rainfall that hits that lot will be absorbed by green infrastructure instead of going to the sewer." Louisville Mayor Greg Fischer and others involved in the project cut the green ribbon on the new roof August 22.

Upcoming Training, Events and Conferences

Free Energy Star Webinars—September

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



- Best Practices to Improve Energy Performance in Commercial Buildings, September 8, 1:00-3:00 p.m.
- Scoring Energy Performance with U.S. EPA's Portfolio Manager, September 15, 1:00-2:30 p.m.
- Benchmarking Water/Wastewater Treatment Facilities in Portfolio Manager, September 15, 2:00-3:15 p.m.
- Champions of Energy Star - Profiles in Leadership, September 19, 2:00-3:30 p.m.
KPPC Executive Director Cam Metcalf will be among the featured speakers in this local and state networking webcast that will highlight 2011 Energy Star award winners and discuss opportunities for recognition with Energy Star. Attendees will hear from 2011 Partner of the Year award winners on using Portfolio Manager as a reporting tool, specifically for ARRA grantees, and how the Kentucky Pollution Prevention Center is helping clients across their state build self-sustaining energy management programs using Energy Star tools and resources.

2011 Governor's Conference on Energy and the Environment, September 26-27, Lexington

Join the Kentucky Energy and Environment Cabinet for the annual Governor's Conference on Energy and the Environment. [Registration and additional information](#) is available on the Cabinet's website.



Green-Living Symposium, September 28, 8:30 a.m. - 4:00 p.m. CT, Maple Mount



The Green River Area Development District (GRADD) is partnering with sponsors from across the region to present the first ever Green-Living Symposium at scenic Mount St. Joseph, located in Daviess County. The goal is to educate local government, business/industry, organizations and individuals about environmental sustainability and to equip them to affect positive change in their communities. This event will feature guest speakers, information sessions led by industry experts, exhibitors, demonstrations and door prizes. KPPC's Executive Director Cam Metcalf will be the keynote speaker.

[Registration and additional information](#) is available on the GRADD website.

Kentucky Energy Alliance Facility Tour and Roundtable, October 11, 10:00 a.m.-3:00 p.m. ET, Louisville

Join KPPC for a tour of the [Republic Conduit](#) facility in Louisville and see energy savings at work. The tour and roundtable are presented as part of KPPC's environmental sustainability training series. There is no fee to attend this event, and lunch will be provided. [Register online.](#)