

Sustainable Solutions post



KPPC

Kentucky's Resource Center for
Environmental Sustainability



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In this issue...

KPPC Introduces
"Sustainable
Solutions Post"

KEEPS Moving
Forward

Louisville Youth
Summit

Renewable Energy
Focus at
Sustainability Fair

"Change a Light,
Change the World
Month"

Cold Weather
Energy Saving
Solutions

Compressed Air
Workshop Draws
Overflow Crowd

Mark your Calendar:
Electric
Transportation for
the Bluegrass

KPPC News...

New Members Join
KPPC Board

KPPC Highlighted in
News for the Green
Campus

KPPC introduces "Sustainable Solutions Post"

Welcome to the inaugural edition of KPPC's *Sustainable Solutions Post*. We are very pleased to bring you this redesigned and expanded e-newsletter as part of our new branding and communications initiative. As this publication evolves, look for industry-specific news, tips for improving efficiency, environment- and energy-related resources and notices for workshops, training and conferences.

We would like to hear from you. To submit items for this newsletter, or to let us know what you think of the new format, please e-mail info@kppc.org with "Sustainable Solutions" in the subject line.

KEEPS Moving Forward

Participants in the two-year pilot phase of the Kentucky Energy Efficiency Program for Schools (KEEPS) developed and implemented energy management programs that resulted in over one million dollars in cost savings for their school districts in FY06-07 and FY07-08. KEEPS, administered by KPPC, helps school districts reduce energy usage and lower operating expenses by offering a package of tools, training, coaching and expertise.

Following action by the General Assembly, KPPC is gearing up for a statewide expansion of the program. All of Kentucky's 174 public school districts are required to enroll in KEEPS by January 2010, but can do so as early as Nov. 1, 2008. [State officials and University of Louisville representatives announced the early enrollment offering](#) during a Sept. 25 press conference at Twenhofel Middle School in Kenton County.



Pam Proctor with the Kentucky National Energy Education Development (NEED) Project is greeted by the Kenton County Energy Wise-guy before the Sept. 25 press conference at Twenhofel Middle School. The Kenton County School District is a leader in energy efficiency in Kentucky, saving \$496,000 in energy costs during the past two fiscal years.



House Majority Floor Leader Rocky Adkins participated in the Sept. 25, 2008 announcement of the expansion of the KEEPS program to include all public school districts in Kentucky. Representative Adkins co-sponsored the original legislation which requires all 174 school districts to enroll in KEEPS by January 2010.

The KEEPS enrollment process will be open to all Kentucky public school districts beginning Nov. 1 through the [KPPC Web site](#). Once enrolled, school districts will receive a confirmation letter with specific information on data reporting and a certificate of enrollment as a KEEPS member.

As KEEPS expands, the eight original pilot school districts, colleges and universities have agreed to serve as mentors and coaches for new members. They will share their experiences and details of their successful energy management programs that resulted in more than \$1 million in cost savings over the past 2 years.



On behalf of Bullitt County School District, Director of Facilities Steve Thompson accepts an award from Energy and Environment Cabinet Secretary Dr. Len Peters. Each of the eight KEEPS pilot program participants were recognized Oct. 6, 2008 during the Governor's Conference on the Environment for their energy efficiency efforts.

Successful energy management efforts can result in significant cost-savings for school systems. They also can "reduce each school's carbon footprint, increase community awareness of energy efficiency and conservation and build a systems approach to energy management that can easily be transferred to other sustainability issues facing school districts, such as solid waste, transportation and water usage," KEEPS Coordinator Beth Bell said.

For additional information on KEEPS or the enrollment process, visit the [KPPC Web site](#).

Louisville Youth Summit

Four of KPPC's engineers and technical experts are teaming up this school year to mentor students from a Louisville school as part of Brightside's [Environmental Youth Summit](#). The team will work with a group of students to explore energy efficiency and other environmental topics. The youth summit gives students in grades 4-12 an opportunity to share ideas and discuss how to reduce litter and improve the environment. The summit is hosted by the Partnership for a Green City.

Renewable Energy Focus at Sustainability Fair

Earlier this year, University of Louisville Provost Shirley Willihnganz appointed a Sustainability Council to support and track campus "green" initiatives, promote connections among researchers and educators focused on sustainability and advise university leaders. To recruit volunteers to help with

this initiative, the council held an [informational fair on Oct. 22](#), national Campus Sustainability Day.



Shawn Crowe, KPPC's Co-Op student from the J.B. Speed School of Engineering explains KREC's activities to a booth visitor.

Executive Director Cam Metcalf is an appointed member of the council, and KPPC highlighted the [Kentucky Rural Energy Consortium's](#) (KREC's) work with renewable energy and energy efficiency programs and research during the Sustainability Fair, which attracted hundreds of visitors.

"Change a Light, Change the World Month"

Governor Beshear proclaimed October "Change a Light, Change the World Month". This national challenge is sponsored by the U.S. Environmental Protection Agency and the U.S. Department of Energy to encourage Americans to consider the energy you use and help "Change the World," one step at a time. There are many simple things you can do to save energy. The new campaign still includes the familiar "Change a Light" theme, but encourages you to consider the many other possibilities for saving energy. Visit the [Kentucky Change the World Campaign Web site](#) and take the pledge. Save energy; save money; protect the environment; and support our national energy security.

Cold Weather Energy Saving Solutions

To help consumers with rising heating cost this winter, the U.S. Department of Energy has launched an informational Energy Savers campaign, "Stay Warm, Save Money," aimed at helping consumers and businesses save on energy expenses during the cold winter months. Energy Savers offers proactive ways to implement simple, cost-effective, energy saving solutions for both homes and businesses. At the heart of this campaign is a [consumer-focused Web site developed by the Department of Energy](#). This Web site contains proven, practical tips that homeowners, tenants and small business can use to save energy today.

Compressed Air Workshop Draws Overflow Crowd

The KPPC-hosted Fundamentals of Compressed Air Workshop on Oct. 15 attracted thirty facility engineers, operators and maintenance supervisors from companies across Kentucky, Southern Indiana and Ohio, as well as one from Oklahoma. Participants gave high marks to instructor Bill Scales for his ability to communicate how to use compressed air efficiently. "I doubt if there are too many people anywhere who would be at Bill's level of qualification on this topic," said one attendee. Mr. Scales, CEO of Scales Industrial Technologies, has worked in the air compressor industry since 1952 as a "hands-on" mechanic, engineer, author and consultant. He helped workshop participants assess their current practices and explore possibilities for improvement.

Sponsoring partners for the workshop were KPPC, Atlas Machine & Supply,

the U.S. Department of Energy and the Kentucky Department for Energy Development and Independence.

KPPC may host additional related workshops in the future. If you are interested in learning more, contact our Training Coordinator at training@kppc.org or 502-852-0965.

Electric Transportation for the Bluegrass

Kentucky Clean Fuels Coalition - Nov. 10, 2-5 p.m. in Lexington (also accessible at teleconference sites across the state)

Please join us for this free workshop to hear from representatives of the electric and transportation industries. "We want to educate consumers and regulatory authorities about electric transportation technologies, their availability, safety and performance," said event organizer Melissa Howell, Executive Director of the Kentucky Clean Fuels Coalition (KCFC).

Speakers include: Brian Wynne, president of the Electric Drive Transportation Association; Randy Queen, regional manager of General Motors; Bill Jacob, vice president of UPS; and Cheryl Bruner, director of energy efficiency at E.ON US. Kentucky Cabinet officials also will be on hand to discuss related economic and energy issues.

Electric vehicles will be on display at the UK Lexington campus site, and those who are not able to visit the live workshop can watch the teleconference at Western Kentucky University, Eastern Kentucky University, the Capitol Annex in Frankfort, or the University of Louisville.

[Space is limited and registration is required](#) for the Lexington event and for the public teleconference-link sites. Registered participants can also access the workshop from work or home via webcast.

This workshop is being offered through a partnership between the Kentucky Clean Fuels Coalition, KPPC, the Kentucky Rural Energy Consortium, University of Louisville, University of Kentucky, and the Kentucky Department for Energy Development and Independence.

New Members Join KPPC Board

KPPC's board of directors, appointed by the Governor, represents various facets of Kentucky state and local government, industry, agriculture, higher education, environmental protection and the community at large.

Newly-appointed board members include:

- Joyce Evans of the Center for Biomedical Engineering at the University of Kentucky (At-Large, Public)
- Kevin Murphy of the Calvert City Municipal Water & Sewer System
- David Pedigo of Akebono Brake Corporation in Elizabethtown

They join seven continuing board members:

- Douglas Griffin (Board Chair) of Kenvirons, Inc.
- John Clay, Sr., representing an agricultural producer

- Ray Dailey of Newpage Corporation
- Steve Dale, representing the environmental protection community
- Aaron Keatley of the Kentucky Division of Compliance Assistance
- Dr. Thomas Lester, Dean, University of Kentucky, School of Engineering
- Dr. Mickey Wilhelm, Dean, University of Louisville, J.B. Speed School of Engineering

KPPC Highlighted in *News for the Green Campus*

As a university-based pollution prevention program, KPPC was featured in the Sept. 16 article, [“Students Reach Out to Local Businesses, Reduce Pollution”](#) published by the National Wildlife Federation in its web-based [ClimateEdu: News for the Green Campus](#). Students from the University of Louisville J.B. Speed School of Engineering work with KPPC’s staff of engineers and certified energy managers through a Cooperative (co-op) Education Program. In supporting the Center’s work, the students develop skills and gain valuable experience in research, energy efficiency, pollution prevention and data analysis.

