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Showcase Your Facility as Host for the KRIG Spring Meeting

The Spring Meeting of the Kentucky Recycling Interest Group (KRIG) is scheduled for May 4, from 10:00 a.m. to 1:00 p.m., to be followed by a two-hour tour.

K.R.I.G.



Kentucky Recycling Interest Group

The meeting will include:

- A review of recycling in Kentucky and the grants made available to promote waste reduction.
- A U.S. EPA Region 4 presentation to FetterGroup-2010 Waste Wise Small Business Partner of the Year.
- A review of Kentucky state and business waste reduction and recycling efforts.

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. If you are interested in hosting this meeting, please contact Shannon Powers at 502-564-6716 ext. 4631 or ShannonL.Powers@ky.gov. Temple-Inland, a KRIG member company, has volunteered to sponsor the lunch for this event.

Climate Ready Water Utilities Initiative Launched

"Energy Today...And Tomorrow"—April 20, 8:00 a.m.-5:00 p.m. ET—Louisville

Recycling Opportunities for Kentucky Business and Communities—April 21, 8:00a.m.-4:00 p.m. ET—Frankfort

Earth Day—April 22

Hazardous Waste Generator Training—April 26, 8:00 a.m.-12:00 p.m. ET—Frankfort



The U.S. EPA has launched the [Climate Ready Water Utilities \(CRWU\) initiative](#) to assist water and wastewater utilities in implementing climate change adaptation and mitigation strategies, with the goal of a more resilient water sector. Several CRWU-related tools and resources are available, and others are under development:

- The [Climate Resilience Evaluation and Awareness Tool \(CREAT\)](#) is an interactive tool designed to assess potential climate change impacts on water and wastewater utilities.
- The [CRWU Toolbox](#) is a searchable online database of climate-related resources for utilities at all stages of the planning and decision making process.
- The [Tabletop Exercise Tool for Water Systems: Emergency Preparedness, Response, & Climate Resiliency \(TTX Tool\)](#) helps users plan, customize and conduct water sector-specific tabletop exercises on five climate change scenarios.
- The Utility Climate Change Adaptation Measures Guide is currently being developed to provide information on existing and suggested adaptation measures.
- The Adaptive Response Framework Guide is currently being developed to provide additional descriptions and resources for potential climate change activities that support climate resilience at a water or wastewater utility.

Newsbits

- **New Online Resource Addresses Use of Industrial Byproducts**

Visit the new [Beneficial Use Portal](#) for quick access to current information to help safely implement beneficial use of industry byproducts. Beneficial use can reduce or eliminate disposal costs. This web portal is intended to provide generators, end users and state regulators with access to current information so they can safely expand the practice of beneficial use. It includes: a State Beneficial Use Program Locator, Beneficial Use Library and current news on Beneficial Use rules, training and more. Through the State Locator function, the portal provides [Kentucky-specific information](#), including a listing of materials and beneficial uses that have been approved either on a case-by-case or pre-approved basis. Before implementing the beneficial use of any material, contact the Kentucky Division of Waste Management.

The portal was developed and is maintained by the National Center for Manufacturing Sciences under the National Compliance Assistance Centers program. Funding for this project is provided by the U.S. Environmental Protection Agency.

- **Louisville-based Summit Energy to be Acquired**

[From GreenBiz.com](#). In a bid to strengthen its position in energy management services, Schneider Electric plans to acquire energy procurement and sustainability services company Summit Energy

Services Inc. for \$268 million.

Schneider Electric, headquartered in Rueil-Malmaison, France, announced March 24 that it had reached an agreement to purchase Summit Energy, which is based in Louisville.

The transaction, which is subject to regulatory approval and closing conditions, is the second major deal announced recently involving companies working to make the built environment more energy efficient, smarter and better connected.

- **Top Schools for Green MBAs**

Entrepreneur magazine, in its April issue, recommends [16 graduate schools of business as top-notch institutions for MBA students to get an education in "Green Business" fields](#). Entrepreneur teamed up with The Princeton Review to survey administrators at 325 graduate schools of business in 2009-2010 and of students attending the schools. The Princeton Review chose the schools based on criteria that covered four key areas: the amount of research the school conducts related to sustainability, the availability of courses in sustainability, the percent of faculty teaching such courses, and the school's career services for students interested in green business/social responsibility employment.

"Ground-floor trends for entrepreneurs in green business are approaching fever pitch, with big opportunities in everything from clean tech to sustainability management, ecological restoration and more," says Amy Cosper, VP and editor in chief of *Entrepreneur* magazine.

Green Tip

Check Burner Air to Fuel Ratios

Industrial Technologies Program

[From Industrial Technologies Program Process Heating Tip Sheet #2](#) - Periodic checking and resetting of air-fuel ratios for burners is one of the simplest ways to get maximum efficiency out of fuel-fired process heating equipment such as furnaces, ovens, heaters and boilers. Most high temperature direct-fired furnaces, radiant tubes and boilers operate with about 10 to 20 percent excess combustion air at high fire to prevent the formation of dangerous carbon monoxide and soot deposits on heat transfer surfaces and inside radiant tubes. For the fuels most commonly used by U.S. industry, including natural gas, propane and fuel oils, approximately one cubic foot of air is required to release about 100 British thermal units (Btu) in complete combustion.

To get the most efficient performance out of fuel-fired furnaces, ovens and boilers:

1. Determine the best level of excess air for operating your equipment.
2. Set your combustion ratio controls for that amount of excess air.
3. Check and adjust ratio settings regularly.

Mark your Calendar for these Upcoming Conferences and Events

Green Hospitality Webinar: Save Money, Help the Environment—April 5, 10:00-11:30 a.m. ET

This free webinar, provided by a U.S. EPA grant, will give you the tools and resources needed to start down the path to sustainability. Corporate America has already realized that going green can help save money and boost profits. The hotel industry is no different. The Green Hospitality Webinar will give hoteliers the basics that will help them assess their properties, learn ways to green their processes, measure those results and communicate to a public that is making more sustainable, informed choices. [Register](#) online.

Free ENERGY STAR® Webinars—April

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



- K-12 Benchmarking 101, April 5, 2:00-3:00 p.m.
- Benchmarking in Portfolio Manager for State and Local Governments and EECBG Recipients, April 7, 2:00-3:15 p.m.
- Office Buildings: Benchmark Energy Performance Using EPA's ENERGY STAR® Portfolio Manager, April 12, 1:00-3:00 p.m.
- How to Save Money and Energy Without Spending a Dime--IT Energy Savings for Non-Techies: Getting to Yes, April 13, 12:00-1:00 p.m.
- Multifamily Housing: Benchmark Energy Performance Using EPA's ENERGY STAR® Portfolio Manager, April 13, 1:00-2:30 p.m.
- The New EISA Requirement: What You Need to Know about ENERGY STAR® to Stay in Compliance, April 14, 2:00-3:30 p.m.
- Computer Power Management with ENERGY STAR®, April 19, 1:00-2:00 p.m.
- Energy Efficiency Program Sponsors: Scoring Energy Performance with ENERGY STAR® Portfolio Manager, April 19, 1:00-2:30 p.m.
- Financing Energy-Efficient Upgrades with ENERGY STAR®, April 19, 2:00-3:15 p.m.
- Purchasing and Procuring Efficient Equipment, April 20, 1:00-2:00 p.m.

Kentucky Association of Manufacturers 2011 Energy Conference: "Energy Today...And Tomorrow"—April 20, 8:00 a.m.-5:00 p.m. ET—Louisville



This conference will provide your company with current, accurate and relevant information regarding energy and Kentucky.

Why Participate?

- Experience general sessions led by national and state level industry leaders
- Participate in concurrent breakout sessions tailored to different interests and roles
- Learn best energy practices from KAM members
- Secure workable solutions and tangible take-a-ways
- Interact with legislators and cabinet officials
- Discover a robust trade show targeted to energy in the manufacturing sector

See the KAM website for [conference details and registration](#).

Recycling Opportunities for Kentucky Business and Communities—April 21, 8:00a.m.-4:00 p.m. ET—Frankfort

Are you interested in starting a recycling program or hosting a recycling event? Whether you are a business, a community or civic group, there are opportunities to reduce your waste stream costs and even profit from recycling items that are currently going to landfills. This training will educate attendees about methods and resources needed to analyze waste streams, identify recycling opportunities and implement a recycling program. It will also cover household hazardous waste events, e-scrap recycling and public-private partnerships that can make recycling a win-win in your area. There will also be a vendor session where attendees meet face-to-face with programs and service providers that offer insight into processes and results specific to Kentucky. [Register for this event](#), offered by the Kentucky Division of Compliance Assistance. Cost: \$70 General Admission, \$35 KY EXCEL members.

Earth Day—April 22



Make plans now to celebrate Earth Day at work and at home, and encourage your employees to get involved. For suggestions on improving environmental performance and efficiency at your business, or organizing awareness campaigns or events for your employees, visit: [Earth Day Network](#) or [U.S. EPA](#).

Hazardous Waste Generator Training—April 26, 8:00 a.m. - 12:00 p.m. ET—Frankfort



This comprehensive training course will help ensure that a facility achieves and maintains compliance with hazardous waste generator regulations. It is designed for environmental compliance personnel at industrial facilities, federal facilities and commercial businesses with hazardous waste regulatory responsibilities. Environmental staff members responsible for hazardous waste management procedures and those responsible for supervising employees that work with hazardous waste will benefit from this course. [Register for this event](#), offered by the Kentucky Division of Compliance Assistance. Cost: \$70 General Admission, \$35 KY EXCEL members.

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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