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## CMWA Earns Highest-Level KY SEN Award for Advances in Energy Management

Central Motor Wheel of America (CMWA) has earned recognition for their progress in reducing energy usage through the Kentucky Save Energy Now (KY SEN) initiative. The award was presented June 11, 2012, at the facility in Paris, Kentucky.

CMWA has been committed to environmental management and energy use reduction for a number of years, implementing many energy saving projects ranging from demand management, employee training and equipment shut-down policies to facility and equipment upgrades. The company signed the KY SEN pledge in 2010, committing to reduce energy use at their facility by 2.5 percent per year for 10 years. Since then, they have worked with KPPC engineers to strengthen their energy management program, and have been recognized at previous KPPC events for reaching the first four levels of achievement for KY SEN, including:

1. Signing the program pledge form and developing an energy use baseline
2. Instituting an energy policy, establishing a team and participating in training
3. Identifying opportunities and developing an action plan
4. Implementing the plan and periodically evaluating progress

This award recognizes CMWA's success in reaching the final level of the program. Level Five requires companies to develop and implement an internal recognition program for their employees, and to mentor other KY SEN program participants as they seek to improve energy management at their facilities.

*See a video of the award presentation:*



Twenty-eight facilities from across the Commonwealth have signed on to the KY SEN program since 2010, and CMWA is the second facility to achieve Level Five status. CMWA's Environmental Activities Team was recognized at the June 11, 2012, award ceremony.

Presenting the award, KPPC Executive Director Cam Metcalf lauded the company's 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

Workshop, July 18, 8:30 a.m. - 4:00 p.m. ET, Morehead

- Green Purchasing: Tools for Federal, State and Local Governments, July 19, 1:00 - 2:30 p.m. ET, Webinar

helping them build strong energy management programs that will realize year-after-year sustainable results. CMWA has made the commitment, and is achieving its goals of significant, long-term energy-use reductions and cost savings," he said.

*CMWA is a joint venture of Central Motor Wheel of Japan, Ltd. (CMW) and Toyota Tsusho of America (TAI) located on 55.4 acres in Paris, KY. The company manufacture steel and aluminum wheels for the automotive industry through two divisions.*

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## KPPC Active in U.S. DOE's Northeast SEP Demonstration

The ISO 50001 energy management standard is an international framework for industrial plants, commercial facilities or entire organizations to manage energy, including all aspects of procurement and use. The standard provides organizations and companies with technical and management strategies to increase energy efficiency, reduce costs and improve environmental performance. **Superior Energy Performance (SEP)** is a certification program that provides industrial facilities with a roadmap for achieving continual improvement in energy efficiency while maintaining competitiveness. A central element of SEP is implementation of the global energy management standard, ISO 50001, with additional requirements to achieve and document energy performance improvements.

The Department of Energy (DOE), Advanced Manufacturing Office's (AMO) state and regional energy efficiency partners are coordinating [SEP demonstrations](#) throughout the United States. To date, six demonstrations have occurred and the seventh and last demonstration is currently underway within the Northeast. Republic Conduit, Louisville Facility and KPPC have partnered and are currently participating in the Northeast SEP Demonstration. KPPC serves as a coach for the company and offers guidance as the facility develops an Energy Management System and satisfies requirements established by ISO 50001 and SEP. Major accomplishments by the team include developing an energy policy, establishing an energy team, calculating the facility's energy performance indicators and identifying potential significant energy uses.

The Northeast SEP Demonstration project started in January 2012 and is scheduled to be completed by March 2013. KPPC has participated in two rounds of training for the demonstration – held in Atlanta, Georgia, in January 2012 and Stratford, Connecticut, in June 2012.

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## Newsbits

- **EPA Honors 2012 Green Chemistry Challenge Award Winners**

By recognizing groundbreaking scientific solutions to real-world environmental problems, EPA's Presidential Green Chemistry Challenge Program award winners have significantly reduced the hazards associated with designing, manufacturing and using chemicals. The program promotes research and development of less-hazardous alternatives to existing technologies that reduce or eliminate waste, particularly hazardous waste, in industrial production. An independent panel of technical experts convened by the American Chemical Society Green Chemistry Institute selected [the 2012 winners](#) from among scores of nominated technologies.



During the 17 years of the program, EPA has received 1,492 nominations and presented awards to 88 winners. Winning technologies alone are responsible for reducing the use or generation of more than 825 million pounds of hazardous chemicals, saving 21 billion gallons of water and eliminating 7.8 billion pounds of carbon dioxide equivalent releases to air. These benefits are in addition to significant energy and cost savings by the winners and their customers.

- **P2 Pathways: Green Casino**

This month, Greenbiz.com published the third article in series submitted through the Pollution Prevention Resource Exchange (P2Rx), a national partnership of regional centers that advance pollution prevention as a cornerstone of sustainability.

The June article, "[Green casino: How one tribe cut its energy costs by 18 percent](#)," was contributed by Myla Kelly of the Peaks to Prairies Regional Pollution Prevention Center, EPA Region 8. It is available on the P2 Pathways Blog, hosted by greenbiz.com.



### ■ **Trimble County, Kentucky School District's Energy Bill Down \$30,000 Last Year**

From Madison Courier.com. Trimble County High School saw a large reduction in energy usage this past school year. Sherman Adams, the district's energy manager, told the school board this month that last year saw a 2 percent reduction in electric usage throughout the district, as compared to a 10 percent reduction this year. There was also a 22 percent reduction in gas usage this year, which was helped by the mild winter, Adams said.

For this school year there was a total savings of \$18,893 in electric costs and \$10,159 in gas costs. The savings can be attributed in part to some improvement projects, including updated lighting at Trimble County Middle School and exterior lighting at Trimble County High School.

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## Upcoming Training, Events and Conferences

### ■ **Advanced Solar Photovoltaics**

**July 10-12, 8:30 a.m. - 5:00 p.m. ET, Frankfort**

During this three-day workshop, an operational photovoltaic system will be available to provide hands-on experiences with system components. Participants will be able to view wiring, mounting and programming features up close and will walk through the commissioning and troubleshooting process with the instructor. The model PV system used for the workshop will be a 1.4 KW battery-based off-grid system, built onto a Mobile Classroom trailer. Ample time for questions will be provided. Instructor: Chris LaForge, ISPQ Certified PV Instructor, NABCEP Certified PV Installer.

[Registration forms are available online.](#) Registration fee for the three-day workshop is \$415, and includes lunch and refreshments each day. Prerequisite: Introduction to Photovoltaics.

This workshop is presented by Appalachia – Science in the Public Interest and the Kentucky Solar Partnership as part of their Sustainable Energy Training Series. The series is oriented towards professionals seeking to expand their knowledge and the scope of services they offer, as well as others interested in learning more about these important fields.

### ■ **Kentucky Save Energy Now Workshop**

**July 18, 8:30 a.m. - 4:00 p.m. ET, Morehead**

Energy Managers, Facility Managers, Maintenance Managers and Purchasing Managers - Attend this full-day workshop to learn how KPPC can help your industrial or manufacturing facility save energy and lower operating costs.



*"When we found out about the KY SEN program, we knew right away that this was something that Hendrickson wanted to integrate within our energy programs. Hendrickson's relationship with KPPC and our involvement with the KY SEN program has proven to be very positive and we look forward to maintaining this relationship in the future."*

--Jeffrey Paiz, Continuous Improvement Coordinator Hendrickson Truck Commercial Vehicle Systems

#### Workshop Topics:

- Seven Steps to Energy Management
- Understanding your Utility Bill
- Energy Tracking Baselines and Benchmarking
- Energy Assessments
- Identifying Opportunities
- Financing Opportunities
- Area Resources
- U.S. DOE's Advanced Manufacturing Office (AMO) Program

Sessions will be conducted by KPPC engineers and specialists in the energy field. Guest speakers will include representatives from regional utilities and consultants. Fee: The workshop cost of \$35 per person includes lunch and workshop materials. If you are interested in attending but need assistance with the fee, please contact KPPC at [training@kppc.org](mailto:training@kppc.org) or 502-852-0965 for scholarship availability.

[Register online by July 11](#) or call 502-852-0965.

■ **Green Purchasing: Tools for Federal, State and Local Governments  
Solid Waste Management and Recycling Educational Series**

**July 19, 1:00 - 2:30 p.m. ET, Webinar**

Part of the U.S. EPA's Sustainable Materials Management (SMM) Web Academy.

Join this webinar to learn about tools to help develop and implement an effective green purchasing policy in your office. Topics include:

- Strategies public agencies can use to identify and procure products that reduce energy consumption and/or greenhouse gas emissions or that yield other climate protection benefits.
- Model green purchasing policies and specifications for products like office equipment with top tier efficiency ratings and products that are made with recycled content or that reduce transportation impacts.
- A model awards program to recognize facilities that successfully purchase products with leadership-level sustainability attributes that save energy, conserve water, and reduce health and environmental impacts.
- How the GreenBuy Program incentivizes US Department of Energy (DOE) purchasers to procure products whose performance goes "beyond compliance", integrating sustainable approaches and materials into their missions.
- How municipal governments, like King County (WA) have gone from buying recycled products in the early 1990's to purchasing a range of environmentally preferable products from copy paper to hybrid buses
- A new and evolving county approach to using consumption-based emissions inventories to figure out how to further reduce greenhouse gas emissions in purchasing and green county operations.

[Register online.](#)

