



## KPPC News Update



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### Energy Awareness Month Special Edition, October 2008

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#### **October is Energy Awareness Month**

The theme of this year's Energy Awareness Month, *Working to Secure a Clean Energy Future*, encourages everyone to work together to make wise energy choices. Both the public and private sectors can take steps toward a clean energy future, making buildings more efficient, fleets less dependent on foreign fuel and industries better stewards of our nation's resources. Visit the [Federal Energy Management Program Web site](#) for more information.

#### **KPPC's FREE, Confidential and Non-regulatory Energy Efficiency (E2) Services**

Are there alternative rate structures offered by your utility providers that could lower your costs? Could making even small changes in your operation result in lower energy bills? KPPC can help you find out through a variety of free, confidential and non-regulatory services.

In addition to training, technical information and web-based resources, KPPC offers on-site E2 assessments that focus on reducing the environmental impact of energy consumption and reducing energy costs. KPPC's process is designed to familiarize clients with the basic concepts of energy efficiency and help them initiate and sustain their own E2 policies and practices. Our Certified Energy Managers look at everything from method of operation and best available technology to billing structure.

Working closely with Kentucky businesses and industries, KPPC conducts dozens of assessments each year. Contact us at 502-852-0965 or 800-334-8635 ext. 8520965 or visit [www.kppc.org](http://www.kppc.org) for more information.

#### **Energy Efficiency Tips**

The following energy-saving recommendations for office, commercial and industrial facilities are examples of the types of opportunities you and/or KPPC could discover during an Energy Efficiency (E2) Assessment.

- Become an [Energy Star®](#) partner

*Lighting:*

- Switch to energy efficient lighting
- Install occupancy sensors for restrooms, offices, etc.
- Use light timers and photosensors
- Install LED exit signs

*Heating and cooling:*

- Change interior temperature by 1 or 2°F or use temperature setback while unoccupied
- Install programmable thermostats
- Install demand control on building cooling system

*Boilers:*

- Keep to a regular maintenance schedule
- Install boiler reset control
- Boiler blowdown management and heat control
- Duct warmest air into combustion intake
- Recover stack loss
- Install condensing economizers
- Adjust air to fuel ratio
- Eliminate steam

*Motors:*

- Use proper lubrication
- Size motor properly for its application
- Rewind motor versus motor replacement
- Install variable frequency drives (VFDs) on all eligible air handlers
- Use energy efficient V-Belts

*Compressed Air:*

- Repair compressed air leaks
- Recover waste heat from air
- Reduce line pressure to minimum required
- Use blowers/fans instead of compressed air for cooling, drying, or blow-off operations
- Use outside air for compressor intake

**Energizing Kentucky – 2nd Conference Sept. 18-19 in Louisville**

"[Energizing Kentucky](#)" is a collaborative effort between Berea College, Centre College, the University of Kentucky and the University of Louisville that focuses on energy issues in the Commonwealth. The second of three conferences in this series was held Sept. 18-19 in Louisville. The keynote speaker was Thomas L. Friedman, author of "The World is Flat" and a Pulitzer Prize-winning columnist for *The New York Times*.

**DCA Needs Assessment Survey**

The Kentucky Division of Compliance Assistance (DCA) invites you to participate in an [important online survey](#). The results from this survey, which is being administered by the University of Kentucky, will be used to prioritize program activities and help DCA ensure that needed environmental assistance services are provided. If you are a business regulated by the Department for Environmental Protection and have not completed this anonymous survey, we encourage you to take a few minutes to participate.