



*In this issue...*

[KREC Survey Results](#)

[2011 Solar Decathlon  
Opens in D.C.](#)

[KPPC Wins Two NPPR  
MVP2 Awards](#)

[Kentucky Awarded \\$500,000  
in Rural Energy Funds](#)

[University of Tennessee  
Renewable Energy Study  
Released by 25x'25 Alliance](#)

## KREC Survey Results

In the August edition of REnews, we asked for your input on how KREC might continue to be a valuable resource, open forum and clearinghouse for information and discussions on renewable energy in Kentucky.

Thanks to all those who responded to the survey. The [survey results](#) are summarized on KREC's website.

KPPC will provide resources for as long as possible to continue KREC's communications and networking activities including *REnews*, [Facebook](#) and the [KREC website](#), while seeking new funding opportunities for future KREC initiatives. We encourage your continued participation and support.

---

## 2011 Solar Decathlon Opens in D.C.



The Opening ceremony was held on September 22 for the U.S. Department of Energy [Solar Decathlon](#). The decathlon is an award-winning program that challenges collegiate teams to design, build and operate solar-powered houses that are cost-effective, energy-efficient and attractive. The winner of the competition is the team that best blends affordability, consumer appeal and design excellence with optimal energy production and maximum efficiency.

---



Visit KREC members and friends on **facebook** to share information, discuss ideas, ask questions or post items of interest to the renewable energy community and help get the word out about

renewable energy and energy efficiency in Kentucky.



*A bird's eye view of the solar village of the U.S. Department of Energy Solar Decathlon 2011 after the opening ceremony on September 22, 2011. The competition includes 19 collegiate teams representing five countries and four continents.*

## Contribute an Article to REnews!

KREC would like to publish your thoughts on renewable energy and energy efficiency in Kentucky in the "Members' Forum". Please send your opinions, articles or news about RE happenings in the Commonwealth to [KREC@kppc.org](mailto:KREC@kppc.org). A short piece is preferable (300 or fewer words work best).

Make your voice heard – we want to give KREC members a forum to spread the word about renewable energy efforts and issues.

The University of Kentucky competed in the 2009 decathlon with help from a KREC competitive research grant. The UK team's project - [s.ky blue](#) finished in the top 10 and placed second in the People's Choice Award.

The first Solar Decathlon was held in 2002; the competition has since occurred biennially in 2005, 2007 and 2009. This year's event takes place at the National Mall's West Potomac Park in Washington, D.C., September 23–October 2, 2011 and is open to the public free of charge. Visitors can tour the houses, gather ideas to use in their own homes and learn how energy-saving features can help them save money.

The Solar Decathlon:

- Educates student participants and the public about the many cost-saving opportunities presented by clean-energy products
- Demonstrates to the public the opportunities presented by cost-effective houses that combine energy-efficient construction and appliances with renewable energy systems that are available today
- Provides participating students with unique training that prepares them to enter our nation's clean-energy workforce

---

## KPPC wins Two NPPR MVP2 Awards

On September 20, 2011, KPPC received two awards from the [National Pollution Prevention Roundtable](#) at a ceremony in Washington, DC. The Most Valuable Pollution Prevention (MVP2) Awards program recognizes the successes of innovators in the areas of pollution prevention and sustainability.

### Project/Programs Award

KPPC's Technical Assistance Services were recognized in the Project/Programs Award category. Through its Environmental Sustainability Program and KEEPS – Kentucky Energy Efficiency Program for Schools, KPPC offers on-site assessments, training, [technology demonstrations](#), assistance with identifying project

---

implementation resources, recognition of achievements and web-based online resources to help participants develop a systems approach to implementing environmental sustainability efforts.

### P2 Champion Award



KPPC Executive Director Cam Metcalf received the P2 Champion Award, which celebrates an individual whose work has an outstanding impact on implementing pollution prevention. Metcalf is a national leader in pollution prevention and energy efficiency technical assistance,

training and applied research. He joined KPPC in 1995, and currently serves on a number of advisory boards and boards of directors, including the Center for Renewable Energy Research and Environmental Stewardship, the U.S. Environmental Protection Agency's P2 Program Strategic Plan Workgroup and the University of Louisville Sustainability Council.

NPPR Executive Director Jeffrey Burke said, "I know of no one who is more deserving or worthy of the honor of being recognized as a P2 Champion than Cam Metcalf. He has been a leader in the P2 community for more than 30 years and continues to use his powerful voice to promote environmental sustainability."

The MVP2 Awards are presented annually during National Pollution Prevention Week. A panel of national P2 experts reviews the nominations and chooses the award winners.

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.

Information contained in this newsletter is a service of KPPC and is offered solely as a general reference. The University of Louisville, KPPC, their employees, sponsors and all technical sources referenced in this correspondence do not: (a) make any warranty or representation, expressed or implied, with respect to the accuracy, completeness, or usefulness of the information; and (b) assume any liabilities with respect to the use of or for damages resulting from any information contained in this correspondence. Mention of trade names, commercial products, or services does not constitute endorsement or recommendation of use.

---

## Kentucky Awarded \$500,000 in Rural Energy Funds

From *CivSource Online*

The US Department of Agriculture (USDA) has awarded Kentucky \$500,000 in grants to fund rural renewable energy projects throughout the state. The grants will go to 43 farm families and rural small businesses to cover the cost of implementing new renewable energy and energy efficiency measures in their operations.

The grants are part of the USDA's Rural Energy for America Program (REAP). REAP is the result of a 2008 Farm Bill Initiative that established funding sources to help people in rural areas mitigate the cost of being more energy efficient. REAP funds cover the purchase price and installation of renewable energy systems. USDA has

---

announced over \$11 million in awards.

In order to receive funds through the REAP program award recipients must agree that grant funding will only cover 25 percent of the cost of implementation. No more than \$500,000 can be spent on the purchase and installation of renewable energy systems and no more than \$250,000 can go for implementing renewable energy measures.

“In this changing economy, our farm families and rural small business owners know they have to be innovative and resourceful to make sure their businesses grow,” said Gov. Beshear. “Their initiative in applying for these funds shows the dedication of Kentuckians to reduce our energy consumption and increase renewable energy usage.”



## University of Tennessee Renewable Energy Study Released by 25x'25 Alliance



*From the 25x'25 weekly REsource newsletter -*  
The 25x'25 Alliance has released a new University of Tennessee study entitled [25% Renewable Energy for the United States by 2025: An Analysis on Jobs Created by Meeting This Goal.](#) According to the study, reaching the 25x'25 vision of meeting 25 percent of the nation's energy needs with renewable energy by 2025

would have a favorable economic impact on rural America and the nation as a whole. Including multiplier effects through the economy, the study projects a national annual economic impact of \$640 billion and 4.7 million jobs in 2025, most of those in rural areas.

While all the states see increases, the top 15 states with economies projected to benefit most in terms of jobs include: Missouri, 240,800; Illinois, 201,000; Iowa, 196,300; Nebraska, 125,500; Texas, 159,000; Tennessee, 155,700; **Kentucky, 148,500**; Kansas, 125,200; Minnesota, 124,600; Oklahoma, 122,500; Arkansas, 109,200; Indiana, 106,400; Virginia, 85,000; Mississippi, 84,500 and West Virginia, 75,800.

By 2015, an estimated 1.4 million jobs could be created; by 2020, job creation could grow to 2.9 million. These jobs are created as a result of economic growth - in 2015, the growth in renewable energy industries is estimated at \$208 billion and by 2020, the growth is projected at \$411 billion.