

Search:

This Site

GO

Kentucky Pollution Prevention Center

News

[Home](#) | [Calendar](#) | [Technical Services](#) | [KEEPS](#) | [KREC](#) | [Publications](#) | [About KPPC](#) | [Webinars](#)

[KREC | Publications | Subscribe](#)


October 2012  
Vol. 4, Iss. 10

### In this issue...

Mark McGinley  
Receives The  
Masonry  
Society's John  
B. Scalzi  
Research  
Award

25x'25 and  
ACORE at  
National  
Renewable  
Energy  
Conference

USDA  
Announces  
REAP Funding  
for 244  
Projects  
Nationwide

Kentucky  
Energy  
Workforce  
Development  
Conference

Solar Training  
Opportunity

## Mark McGinley Receives The Masonry Society's John B. Scalzi Research Award

*From J.B. Speed School of Engineering News - University of Louisville*

Professor W. Mark McGinley, a 2010-2011 KREC research grant recipient,



received The Masonry Society's John B. Scalzi Research Award at the Greenville, SC, meetings of TMS in September. The award was presented by Max Porter on behalf of the Research Committee of TMS at the Awards Luncheon. Dr. McGinley is a Professor and Endowed Chair for Infrastructure Research in the Civil and Environmental Engineering Department at the J.B. Speed School of Engineering at the University of Louisville. Prior to his current position, Mark has held positions of Assistant Professor, Associate Professor and Professor of Architectural Engineering at North Carolina A&T from 1988 to 2006 and served as Department Chair of Civil, Architectural, Agricultural and Environmental Engineering in 2006. He has earned a BS, MS and PhD from the University of Alberta in Edmonton, Alberta, Canada.

Dr. McGinley has taught courses on Theory of Structures, Computer Programming, Statics, Structural Analysis, EIT and PE Review Courses, Masonry Design, Concrete Design, Wood Design, and Structural Systems and Building Design. He is a past winner of the TMS Distinguished Service Award and outstanding TMS Journal Paper. He has served on several TMS and ASTM committees and received the Award of Merit and Fellow award from ASTM, along with the Gil Robison Memorial Award. He has taught 22 seminars on the MSJC and the MDG for TMS and has given several research presentations.

Dr. McGinley has served as a professional consultant on over 35 projects, as an investigator on over 45 research projects and has published over 96 significant publications.

[Back to top.](#)

Environmental  
Issues Explored  
at 2012  
Festival of  
Faiths

Submit an  
Article to  
REnews!

## 25x'25 and ACORE at National Renewable Energy Conference



The 25x'25 Alliance and the American Council on Renewable Energy (ACORE) took a lead role recently in drawing national attention to the economic, national security and environmental benefits provided by biofuels. A special panel discussion at RETECH 2012 in Washington featured biofuels industry and renewable energy advocacy leaders. The three-panel event, "Keep the Winning Team on the Field," was moderated by Ernie Shea, project coordinator for the 25x'25 Alliance. Shea facilitated presentations from a team of highly respected and experienced speakers who addressed among other topics, the important underpinnings of the Renewable Fuel Standard (RFS), a vital national program supported by both presidential candidates.

The RFS has come under attack in Washington this year, with governors of eight states requesting that the Environmental Protection Agency waive all or part of the standard. Biofuel advocates say a waiver will do little to reduce feedstock prices and will impair the progress being made by the industry to develop sustainable, next-generation transportation biofuels.

Today, the United States is fast approaching 16 billion gallons of biofuels that advocates say has reduced the nation's dependence on imported oil. The industry also says the RFS has stimulated the U.S. economy by driving a \$500 billion increase in America's farm assets and currently supports more than 400,000 jobs. However, speakers at the conference said that progress is being threatened by claims that the drought and shortage of field corn is driving up the cost of animal feed and causing serious hardships in those industries.

"It's important that those who are the frontlines of the biofuels industry share with stakeholders the critical role the Renewable Fuel Standard plays in boosting our economy and enhancing our national security," Shea said. "The 25x'25 Alliance is proud to play a key role in this important event."

[Back to top.](#)

## USDA Announces REAP Funding for 244 Projects Nationwide

In October, the U.S. Department of Agriculture (USDA) announced \$16 million in funding for 244 projects nationwide that the department says are focused on helping agricultural producers and rural small businesses reduce



energy consumption and costs, and use renewable energy technologies in their operations. Funding is made available through USDA's Rural Energy for America Program (REAP).

Projects cited as examples of those being funded, include: Balsams View LLC, in Coos County, NH, which was selected to receive a grant to replace an outdated heating system with a state-of-the-art, high-efficiency, wood fired biomass boiler system that is expected to use 77 percent less wood; farmer Matthew Gabler, in Augusta, WI, who was selected to receive a grant to install a new 11 kilowatt wind turbine producing approximately 29,000 kilowatt-hours a year for his farm; and Edaleen Cow Power LLC, located near Lynden, WA, which was selected to receive a REAP loan and grant combination of \$2,638,000 to install an anaerobic digester and sell the resulting electricity to a utility. REAP offers financial

assistance to farmers, ranchers and rural small businesses to purchase and install renewable energy systems and make energy-efficiency improvements. These federal funds leverage other funding sources for businesses.

For additional information on Rural Development projects, please visit Rural Development's new interactive web map featuring program funding and success stories for fiscal years 2009-2011.

KPPC - Kentucky Pollution Prevention Center is offering professional REAP energy audits for businesses - an essential part of the process of applying for REAP funding. Call KPPC at (502) 852-0965 to learn more about the program.

[Back to top.](#)

---

## Kentucky Energy Workforce Development Conference

The Kentucky Energy Workforce Development Consortium and Kentucky State Energy Sector Partnership Sub-Grantees (Office of Employment and Training) will hold the third annual Conference on Energy Workforce Development in November. The conference is called Energy Workforce: "Preparing for Tomorrow" and will be held on November 28, 2012 at the Capital Plaza Hotel in Frankfort. The conference program will begin at 8:30 a.m. and end at 4:00 p.m. ET and includes panels focused on workforce planning, skills, training and National Career Readiness certification.

Guest Speakers for the conference include: Ann Randazzo, Executive Director, Center for Energy Workforce Development. Randazzo will share the "Energy Industry Competency Model" which is designed to provide a consistent definition of the competencies required to work in the industry. The model builds from basic fundamentals to more industry and career specific competencies.

Secretary Len Peters will provide an update of the Governor's Energy Plan. Dr. Peters oversees Kentucky's energy, environmental protection and natural resources programs.

Utility industry members, local workforce investment areas, local chambers, economic development groups, and other governmental agencies will focus on the future workforce needs in the area of generation, transmission and distribution sectors in the energy industry.

There is no cost to attend the conference, but you must register. Continental breakfast and lunch will be served for those registered. Please contact [karenc.jones@ky.gov](mailto:karenc.jones@ky.gov) or 502-782-3357, if you have any questions about the registration process or the conference.

[Back to top.](#)

---

## Solar Training Opportunity

The Kentucky Solar Partnership is offering a three-day Advanced Solar Photovoltaics workshop from November 30 to December 2, 2012, that will provide in-depth discussion of solar electric system components and installation practices. 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.

Training will be held from 8:30 a.m. to 5:00 p.m. ET each day at the Franklin County Cooperative Extension Office, 101 Lakeview Court, Frankfort, KY 40601. Prerequisites for the workshop are prior introductory training or experience with PV. The course fee is \$415. The training will be presented by Chris LaForge, ISPQ Certified Solar PV Master Trainer, NABCEP Certified PV Installer. AIA Approved for Continuing Education Learning Units; AIA CES Learning Units: 21, AIA Course Code: PV201KSPAIA.

Register for this workshop at the Kentucky Solar Partnership website.

[Back to top.](#)

---

## Environmental Issues Explored at 2012 Festival of Faiths

The theme for the 2012 Festival of Faiths – Sacred Fire: Light of Compassion – is the fourth in a series of Festival themes that direct attention to various elements of nature and our responsibility to be good stewards of our environment. A number of events planned during the Festival will feature discussions and presentations related to the environment and natural resources. For more information, see the Festival of Faiths website

[Back to top.](#)

---

## Submit 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.

[Back to top.](#)