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Highlights of KREC's September Quarterly Meeting



Kate Shanks, from the Division of Renewable Energy, DEDI, discussed an analysis of a Clean Energy Portfolio Standard for Kentucky.

KREC held its September Quarterly Meeting in Frankfort on Thursday, September 30. The meeting was attended by 28 KREC members and guests who heard presentations from Tim Hughes, Policy Director for the Governor's Office of Agricultural Policy, Kristina Anderson, Program Manager for the Division of Biofuels at the Kentucky Department for Energy Development and Independence (DEDI), Don Colliver, Associate Professor in the Biosystems and Agricultural Engineering Department at the University of Kentucky, Gamini Sumanasekera and Paul Ratnasamy, from UofL's J.B. Speed School of Engineering, and Kate Shanks, Division of Renewable Energy, DEDI.

The meeting covered a wide range of topics, from biofuels and a possible Kentucky Renewable Energy Portfolio Standard, to economic development and an update on KREC-sponsored research projects. Don Colliver presented the latest information on the UK Solar Decathlon House, and the latest data they are collecting while the house was a feature attraction at the Alltech World Equestrian Games in Lexington.

If you would like contact information for any of the speakers at the meeting, please e-mail us at KREC@kppc.org.



Register today to join us in Berea, Kentucky on November 17th to see how the state can attract investments and create “green jobs” by developing comprehensive energy and funding strategies that will prepare its infrastructure and workforce to be ready for this global transition.

The Forum will explore:

- Economic drivers for renewable energy
- Opportunities to develop Kentucky’s workforce to meet the industry’s current and future employment needs
- Funding and investment opportunities that a clean energy economy might provide
- Challenges for businesses, utilities and energy consumers

Berea College President Dr. Larry Shinn will provide opening remarks, followed by speakers from Kentucky’s Department for Energy Development and Independence, the Kentucky Workforce Investment Board, the USDA Rural Development Division and speakers from the 25x’25 Alliance, renewable energy businesses and Kentucky utility companies.

The Forum is open to the public. Cost to attend is \$15 per person* which includes continental breakfast, lunch and all materials - plus, a chance to win an iPod Touch. **If you are interested in attending but need assistance with the \$15 fee, please contact KPPC for scholarship availability.*

Sign-in begins at 8:30 a.m. The Forum will be from 9:00 a.m. to 3:30 p.m. ET.

[Registration](#) is required by November 16. Call (502) 852-0965 for more information or e-mail KREC@kppc.org.

Sponsored by KPPC, the Tennessee Valley and Eastern Kentucky Wind Working Group, the Southern Alliance for Clean Energy, the Kentucky Department for Energy Development and Independence and Energizing Kentucky.

New Biomass Energy Report and Atlas Available

Biomass Prices

USDA’s Agricultural Marketing Service is offering a new weekly report on biomass prices that can aid

producers, consumers and distributors in marketing. The new National Biomass Energy Report details low-quality forage, oat hay, wheat straw and stover prices and other sources of biomass being traded. AMS sources say they have not yet been successful in getting firms who buy cobs to report prices. Data is collected from Nebraska, Iowa, Kansas, South Dakota, Minnesota, Colorado, Oklahoma, Texas, California, Oregon and Washington. Visit the AMS website to view [last week's report](#). To sign up to receive the report, go to the [market news](#) website.



BioEnergy/Biofuels Atlas

The Department of Energy's National Renewable Energy Laboratory (NREL) released a new Web portal that provides access to two bioenergy analysis and mapping tools: BioPower and BioFuels Atlas. These allow users to layer related bioenergy data onto a single map to gather information on biomass feedstocks, biopower and biofuels potential, production and distribution. The tool also highlights geographical areas where more infrastructure is needed.

[The BioEnergy Atlas](#) can be found on NREL's website. Both the Biomass market price report and the BioEnergy/Biofuels Atlas are available also as links on KREC's [website](#).

NREL's Clean Energy Forum

NREL press release October 22, 2010

The U.S. Department of Energy's National Renewable Energy Laboratory (NREL) 23rd Industry Growth Forum held on October 21 attracted nearly 500 investors, entrepreneurs, scientists and policymakers to Denver. The three-day forum highlighted clean energy industry technology and business developments. NREL also hosted Clean Energy Opportunity Forum showcasing the latest clean energy opportunities in Colorado and across the country.

"The need to approach our energy issues differently in the future requires a high level of innovation. This forum brings together the entrepreneurs, investors and policymakers needed to bring about transformational change that will be critical to nurturing that innovation for the future," said NREL Director Dan Arvizu.

More than \$3.4 billion has been raised by companies presenting at the Forum since 2003.



A panel of judges selected three entrepreneurial companies from the 34 competitively-selected presenters to win the 2010 Clean Energy Venture Awards sponsored by Wilson Sonsini Goodrich & Rosati. Cash prizes include \$10,000 for Best Venture and \$5,000 each for the two Outstanding Presentation Awards. NREL, along with Wilson Sonsini Goodrich & Rosati, will provide the winners with in-kind commercialization support matching the cash award to help increase their chances of commercial success.

MTPV, LLC (located in Austin, TX) took the top prize receiving the Best Venture award. MTPV creates semiconductor chips that convert heat directly into electricity. An Outstanding Venture award went to OPX Biotechnologies, Inc. (Boulder, CO). OPX Biotechnologies' EDGE (efficiency directed Genome Engineering) uses biotechnology to convert renewable raw materials into biochemicals and biofuels.

The second Outstanding Venture award went to Van Dyne SuperTurbo, Inc. (Fort Collins, CO). The Superturbo charger allows engines to meet stringent emission requirements while maintaining engine performance.

NREL is the U.S. Department of Energy's (DOE) primary national laboratory for renewable energy and energy

efficiency research and development. NREL is operated for DOE by The Alliance for Sustainable Energy, LLC. For a list of participating companies and sponsors, please visit the Industry [Growth Forum website](#).

Upcoming Renewable Energy Events

The 7th Annual Bluegrass GreenExpo

The Bluegrass GreenExpo will be held on October 30 and 31 at the Heritage Hall, Lexington Center. The expo will feature:

- Healthy, sustainable, energy saving & renewable energy products, services & information
- Trade show, workshops, tours, Kids' Expo, educational exhibits & demos, art, music & food

The expo offers discounts on exhibitor fees by becoming a Bluegrass GreenGroup member. Low cost space for non-profits and community groups is also available in the new Sun Space, with free space available to exhibitors providing strong educational value to the event. The event is free and open to the public. Details can be found at the GreenExpo [website](#).



KREC's New Facebook Address!

Thanks to everyone for helping us reach our goal - we now have 143 friends and our own Facebook web address. Our new address is www.facebook.com/KyKREC. Please join KREC members and friends to share information, discuss ideas, ask questions or post items of interest to the renewable energy community and help get the word out about what's happening in renewable energy and energy efficiency in Kentucky!

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. 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.

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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