



CENTER FOR RENEWABLE ENERGY

Illinois State University

NEWSLETTER

JUNE 2012

Upcoming Events:

Illinois Wind For Schools Educator Workshop
Normal, IL, June 14

Streamlining Solar Conference
Illinois Solar Energy Association
Normal, IL, July 12
Chicago, IL, July 19

IWWG Advancing Wind Power in Illinois Annual Conference
Normal, IL, July 17-18

IWWG Advancing Wind Power in Illinois Conference

The Illinois Wind Working Group's Sixth Annual Advancing Wind Power in Illinois Conference will be held July 17-18, 2012, at the Marriott Hotel & Conference Center in Normal, IL. This conference will provide plenary sessions, breakout seminars and panel sessions, on a variety of wind energy topics regarding large wind farms, community-scale, and small wind.



Founding Members:



If you would like to become a member of the Center for Renewable Energy, please contact Dr. David Loomis at 309-438-7979 or dloomis@ilstu.edu.

www.RenewableEnergy.ilstu.edu

Hear the Latest Information About:

- Renewable Energy Policy in Illinois
- Wind Energy Policy in Illinois
- State of Wind Energy in Illinois
- Wind Turbine Energy Technology
- Indiana Bat & Eagles
- Siting & Zoning Ordinances
- Renewable Energy Procurement
- Enterprise Zones Versus High Impact Business
- Applications of Battery Storage of Wind Energy
- Current Issues with Environmental Compliance
- Curtailment of Wind Farms Output
- Non-Traditional Power Purchase Agreements
- How Electricity Markets Work in Illinois
- What Landowners Need to Know
- Wind for Schools (K-12)
- Small Wind Zoning
- Small Wind "How To"
- Community Scale Wind
- Transmission Expansion for Wind Energy
- How New Entrants & New Technology in the Turbine Market are Changing Project Economics
- Plus a Wind Energy 101 Pre-Session

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EXHIBITORS INCLUDE:

- Cultural Resource Analysts, Inc.
- EDP Renewables North America
- Rev1 Renewables
- Terracon Consultants

REGISTER NOW TO ATTEND or APPLY TO SPONSOR/EXHIBIT!

Visit www.RenewableEnergy.ilstu.edu. Under "Upcoming Events" at the right side of the screen, click on "IWWG Annual Conference" for online registration, current conference agenda, speaker bios, directions and hotel information.

Illinois Exhibits at AWEA WINDPOWER 2012



The Illinois Department of Commerce and Economic Opportunity, Center for Renewable Energy at Illinois State University, and Illinois Institute for Rural Affairs at Western Illinois University will represent the **Illinois Wind Energy Team** at the American Wind Energy Association's Windpower Conference & Exhibition in Atlanta, GA, June 3-6, 2012 the largest wind energy conference in North America.

Stop by and visit our booth #2811 to pick up your copy of the **Illinois: Windy City, Prairie Power Report** on wind farms and growth in the state as of May 2012. It is also available on www.RenewableEnergy.ilstu.edu, listed under "Reports."

At the conference, **Dr. David Loomis**, Director of the Center for Renewable Energy, will speak on The Economic Impact of Wind Energy in Illinois, Wednesday, June 6th, 10:30 AM, Room B403. **Matt Aldeman**, Senior Energy Analyst at the Center, will have a poster presentation for his Wind-Powered Harley-Davidson Motorcycle, and **Matt** and **Jolene Willis** of the Illinois Institute for Rural Affairs, Western Illinois University, will have a poster presentation regarding Illinois Wind for Schools.

Mark your calendar now for AWEA WINDPOWER in Chicago, May 5-8, 2013.

Illinois Wind Energy Teaching Workshop in June



Elementary and secondary school teachers can learn how to integrate energy and wind-energy related materials into classroom lesson plans during a one-day workshop offered at Illinois State University on Thursday, June 14. The free workshop, offered by members of the Illinois Wind for Schools team, is open to K-12 teachers from across the state. Registration is online at www.ilwfs.org, space is limited.

During the workshop, Illinois Wind for Schools team members will present a background of the energy and wind energy industries, wind energy fundamental principles, lesson plans and methods for integrating energy and wind energy materials into the classroom.

The Illinois Wind for Schools team is comprised of expert personnel from the Center for Renewable Energy and the College of Education at Illinois State University and the Illinois Institute for Rural Affairs and the College of Business and Technology at Western Illinois University at Western Illinois University.

Streamlining Solar Conferences with ISEA in July



The Center for Renewable Energy is assisting the Illinois Solar Energy Association (ISEA) with a **Streamlining Solar Conference: Standardizing Permitting, Zoning and Ordinances**. There will be two separate events, the first on July 12, in Normal at Illinois State University's Alumni Center. A second conference will be held July 19 in Chicago at the Illinois Institute of Technology. Register for the conferences through the ISEA website, www.illinoisolar.org/events.

The conferences will discuss municipalities adopting streamlined zoning and permitting policies to save themselves, their residents, and businesses time and money without compromising safety. As the hard costs of solar have steadily gone down in the last few years, the soft costs have remained the same. Soft costs include fees and processes related to permitting, zoning, and interconnection. With a reduction in these soft costs, paired with ever-dropping hard costs, solar is on schedule to reach grid parity.

THANK YOU



A very special thank you to the members of the **Advisory Board** for the Renewable Energy Major at Illinois State University that met with Center faculty and staff last month.

David Kennell, Associate Director of the Center for Renewable Energy, and Instructional Assistant Professor in the Department of Technology at Illinois State University, led the discussion on curriculum changes including two new courses TEC 260 Research Methods and Analytical Tools, and TEC 262 Energy Management. The group also shared ideas for the Renewable Energy Lab which is an ongoing project.

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