



# CENTER FOR RENEWABLE ENERGY

*Illinois State University*

NEWSLETTER

APRIL 2010

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## Founding Members:



## IWWG Advancing Wind Power Conference



The Illinois Wind Working Group (IWWG) will host their fourth annual **Advancing Wind Power in Illinois Conference**, July 14-15, 2010, at the Peoria Civic Center in Peoria, Illinois. This conference will cover many aspects of wind energy, including large, community, and small wind.

**Michele DesAutels** of the U.S. Department of Energy, and **Larry Flowers** of the National Renewable Energy Laboratory are each scheduled to present for a plenary session during the conference.

### Breakout and Panel Discussions to Include:

- The Indiana Bat
- Property Value Guarantees
- New Turbine Technology and Battery Storage
- Wind Energy Policy in Illinois
- Large Wind - Project Finance
- Small Wind - "How To"
- Wind Assessment & Forecasting
- Large Wind - Siting, Zoning and Road Agreements
- Commercial and Community Wind
- Economic Development and Wind Farms
- How to Get a Job in Wind Energy
- Wildlife and Environmental Issues
- Construction Issues

[www.RenewableEnergy.ilstu.edu](http://www.RenewableEnergy.ilstu.edu)

For the conference agenda and registration details.

### Conference Sponsors Include:

PLATINUM:



SILVER:



Want to sponsor or exhibit?  
Email [jniezgod@ilstu.edu](mailto:jniezgod@ilstu.edu).



## UPCOMING EVENTS

**July 13**  
**IWWG Building the Wind Turbine Supply Chain Workshop**  
 Peoria Civic Center  
 Peoria, IL

**July 14-15**  
**IWWG Fourth Annual Advancing Wind Power in Illinois Conference**  
 Peoria Civic Center  
 Peoria, IL

## COMMITTEE NEWS

### Solar Conference

The Center for Renewable Energy at Illinois State University is working with Heartland Community College to coordinate a new conference on Solar Energy. More details will be available soon.

### Advisory Board for the Renewable Energy Program at Illinois State University

The Renewable Energy Program is designed to prepare broad-based renewable energy managerial professionals and leaders for business, industry and government by addressing the social, economic and technical issues of renewable energy, focusing on policy or technology. The Advisory Board will meet on April 16th to discuss the program, directions for the future of the major, the laboratory, jobs and internships.

## IWWG Siting, Zoning & Taxing Conference

The Illinois Wind Working Group (IWWG) hosted the **Siting, Zoning, and Taxing of Wind Farms in Illinois Conference** on February 24th at the Peoria Civic Center, in Peoria, IL.



The one-day conference featured speaker panels for 250 attendees including county board members, zoning board members, planning and zoning managers, city managers, development coordinators, assessment supervisors, administrative coordinators, wind developers, and many others.

Topics included the responsibilities and best practices of county and zoning boards, taxation of wind farms, property value guarantees, roads and decommissioning. A Wind Energy 101 pre-session was also offered for those new to wind farm projects.

Panelists include **Kyle Barry** (McGuire Woods), **Kevin Borgia** (Illinois Wind Energy Association), **Jim Griffin** (Schain, Burney, Banks & Kenny), **Jerry Hicks** (LaSalle County), **Ben Hoen** (Lawrence Berkley National Laboratory subcontractor), **Fred Iutzi** (Illinois Institute for Rural Affairs, Western Illinois University), **Dan Litchfield** (Iberdrola Renewables), **Christina Mills** (Windustry), **Wendy Ryerson** (Lee County), **Chuck Schopp** (Livingston County), **Ruth Anne Tobias** (DeKalb County), **Jim Webster** (Winnebago County), and **Todd Weegens** (Fehr-Graham & Associates).

The sessions were moderated by **Jim Greenberger** (Private Equity Law Advisors), **William Shay** (Cover, Shay & Evans, LLP), **Hope Whitfield** (Stahl Cowen Crowley Addis, LLC), and **Jolene Willis** (Western Illinois Economic Development Partnership).

PDF files of the speaker presentations can be found on the Center for Renewable Energy website at [www.renewableenergy.illinoisstate.edu/events/SZT2010.shtml](http://www.renewableenergy.illinoisstate.edu/events/SZT2010.shtml).

Thank you to the Conference Sponsors:





## Students Attend Career Information Night

Illinois State University's **Renewable Energy Society** held a Career Information Night to provide students information about renewable energy industries. In the photo at right, **John Caupert** (Director of the National Corn-to-Ethanol Research Center), **Marie Streenz** (Project Developer, Horizon Wind Energy), and **Lionel Sweeny** (Vice President of Human



Resources, Suzlon Wind Energy Corp.) each shared details about renewable energy jobs. They also provided tips and suggestions for standing out on resume submissions, applying for jobs online, and the interview process. Students enjoyed the opportunity to ask specific questions of the panelists at the end of the evening.

## High School Students Learn About RE Jobs

Peoria High School Students involved with graphic design art, contacted the Center for Renewable Energy regarding their video project for the Workforce Network's video contest. Their video project was about promoting green jobs and the requisite training need for employment in this growing area.

**Matt Aldeman**, Technical Assistant at the Center for Renewable Energy, took the students to visit Illinois State University's Horticulture Center where we have our hybrid wind/solar system installation. It's 1 kW wind/1kW



solar system configured to charge an off-grid battery pack. The students then interviewed **Dr. David Loomis**, Director of the Center, regarding the renewable energy industry and jobs.

## ANY JOB OPENINGS?

In May, we are anticipating the graduation of up to 12 students in the Renewable Energy Major. Many of these students are still looking for jobs for after graduation. If you have any entry-level openings for students trained in the renewable energy program, please let us know.

## STUDENT INTERNSHIPS

Would your company be interested in participating in our Internship Program during the summer or for a semester? An internship is a departmentally approved and supervised senior college level work experience in renewable energy. Paid experiences are encouraged, and a minimum of 45 hours of work experience must be satisfactorily completed by a qualified student for each one semester hour of university credit he/she expects to obtain. For more details, please contact Dr. Randy Winter, Associate Director of the Center for Renewable Energy, by phone 309-438-3563 or email [rwinter@ilstu.edu](mailto:rwinter@ilstu.edu).

## Center Exhibits at Events Throughout the State



The Center has exhibited at a number of events already this year, including the **Illinois Research & Development Day** at the State Capitol in March, organized by the Illinois Science & Technology Coalition. In the photo at left, **Marissa McCord** (Associate Director of Development and Governmental Relations for Illinois State University), **Matt Aldeman** (Technical Assistant at the Center) and **Janet Niezgoda** (Center Coordinator) welcomed legislators and the general public to the exhibit booth, answering questions on the Center for Renewable Energy.

Matt Aldeman has also exhibited at the **Kane County Small Wind Open House** and the **Illinois Farm Bureau Leadership Conference** in February. The next appearance will be at the **Illinois Sustainable Living and Wellness Expo** held at Illinois Wesleyan University's Shirk Center on April 10th.

## Become a Member of the Center

We are recruiting corporate partners for the Center for Renewable Energy at Illinois State University.

**Founding Members** will each receive recognition by the University on all Center materials, a paid intern from the renewable energy program annually for three years, and a seat on the Board of Advisors for three years. Founding Members will make a \$50,000 one-time donation to the Illinois State University Foundation.

**Sustaining Members** will each receive a paid intern from the program for one year and provide input into the research direction of the Center for that year. The organization will also receive a seat on the Board of Advisors for that year. Sustaining Members of the Center will make a \$10,000 annual donation to the Illinois State University Foundation.

Donations are tax-deductible less the value of the student internships. If you have any questions about becoming a Member, please contact Dr. David Loomis, Director of the Center for Renewable Energy, at (309) 438-7979 or email [dloomis@ilstu.edu](mailto:dloomis@ilstu.edu).

## RESEARCH

**Wind Energy Public Attitude Research**  
Winter/Theron

**Impact of Wind Farms on Property Values**  
Loomis/Hinman

**Economic Impact of Wind Turbine Supply Chain**  
Loomis/Carlson

**An Assessment of the Renewable Energy Markets in Illinois**  
Loomis/Ohler

**Optimal Wind Energy Portfolios in Illinois**  
Chupp

**Does Wind Cause Wholesale Electricity Prices to Fall in Illinois?**  
Loomis/Hickey

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