



CENTER FOR RENEWABLE ENERGY

Illinois State University

NEWSLETTER

DECEMBER 2010

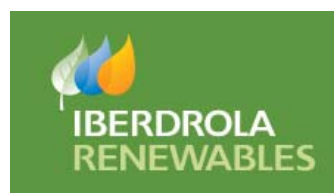
Upcoming Events:

IWWG Full Group Conference
Call, December 8th, 11:00 AM
to 12:00 noon (central time)

Siting, Zoning, and Taxing of
Wind Farms in Illinois
Conference, February 9th,
8:00 AM to 4:30 PM, in Normal

IWWG Annual Conference
Advancing Wind Power in
Illinois, July 21st - 22nd,
8:30 AM to 5:00 PM, in Chicago

Founding Members:



Siting, Zoning & Taxing Conference in February

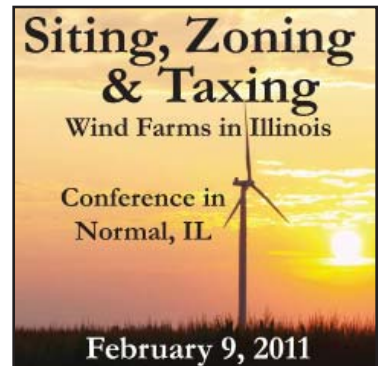
Learn the latest about siting, zoning, and taxing wind farms at the Illinois Wind Working Group's **Siting, Zoning and Taxing of Wind Farms in Illinois Conference**, on Wednesday, February 9th, at the Marriott Hotel & Conference Center, 201 Broadway, Normal, IL.

Topics will include Best Practices of County Boards and Zoning Boards, Roads, School District Taxation, County Ordinance Revisions, Decommissioning, Property Value Guarantees, and a Wind Energy 101 Pre-Session. More specifically, the sessions will include information on fair and reasonable processes that are not interminable, practical application without lawsuits and without sacrificing valuable content, estimating the cost of decommissioning, school district revenue from wind farms, impact of wind farms on state aid to schools, agreements between wind developers and road commissioners, timing of changes to county ordinances, etbacks and sound issues, economic impacts, anticipated trends, the Indiana bat, and other wildlife issues.

Speakers already confirmed include:

- **Neil Palmer** (Neil Palmer & Associates)
- **Dr. Karen Tyrell** (BHE Environmental)
- **Chris Howell** (Burns & McDonnell)
- **Jim Mathes** (Illinois State Board of Education)
- **Dr. Larry Dodds** (Ridgeview School District 19)
- **Phil Dick** (McLean County Building and Zoning)
- **James Griffin** (Schain, Burney, Banks & Kenny)
- **Dwight Farber** (Horizon Wind Energy)
- **Matt Boss** (Mainstream Renewable Power)
- **Paul Miller** (DeKalb County)
- **Pete Poletti** (Poletti and Associates)
- **Dr. David Loomis** (Center for Renewable Energy)

Registration is now open for attendees and sponsors. Visit www.RenewableEnergy.ilstu.edu, and click on the Siting, Zoning, and Taxing Conference listed under Upcoming Events.



SPONSORS INCLUDE:



Sign up now to sponsor this event. Call 309-438-7929 or email jniezgod@ilstu.edu.

High School Students Discuss Alternative Energy



Matt Aldeman and a student review the student's family electric bill.

Illinois Innovation Talent is a program sponsored by the Illinois State Board of Education and the Department of Commerce and Economic Development. Innovation Talent brings together industry leaders with Illinois schools to collaborate on real world problem-based learning challenges in science, technology, engineering, and mathematics (STEM) related areas.

Representatives of Illinois State University's **Center for Renewable Energy** and Western Illinois University's **Illinois Institute for Rural Technology** recently met with students from **Rolling Meadows** and **Niles North High Schools** to assess the feasibility of using alternative energy sources in their school districts.

Niles North and Rolling Meadows students are tackling the challenge of making specific recommendations as to how wind and solar resources might be implemented on a small scale to supplement the energy distribution grid in their school district or local community. Utilizing ISU and WIU staff as resources, the high school teams will present their findings to their school boards and at a statewide Innovation Talent conference in April, 2011.

In early spring, staff from ISU and WIU will meet with student teams from Lyons Township, Maine East and Fenton Community high Schools.



Teachers Learn About Renewable Energy Technology



they assembled were then tested to determine how much power they could each produce.

The Center for Renewable Energy recently assisted with a workshop for teachers about Climate Change, an event hosted by Illinois State University's Center for Mathematics, Science and Technology (CeMaST). The group discussed climate change and mitigation strategies, including energy conservation and renewable energy technologies. Following the discussion, participants divided into groups to construct model wind turbines. The turbines

More Presentations

Dr. David Loomis presented for the U.S. Department of Energy's Wind Powering America **Webinar on Wind Energy Ordinances**. The panel discussed wind energy ordinances and new tools to educate local planners.

He also spoke for the Illinois Chamber of Commerce's Forum, **"What Should the Next Governor of Illinois Do About Energy?"** in Chicago. The forum was designed to bring together leaders in Illinois energy to provide information needed to draft an Illinois Energy Strategy to be developed by the Chamber.

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