

Overview of the Center for Renewable Energy

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**CENTER FOR
RENEWABLE ENERGY**
Illinois State University

IL Wind Working Group



The IWWG is an organization whose purposes are to communicate wind opportunities honestly and objectively, to interact with various stakeholders at the local, state, regional and national levels, and to promote economic development of wind energy in the state of Illinois.



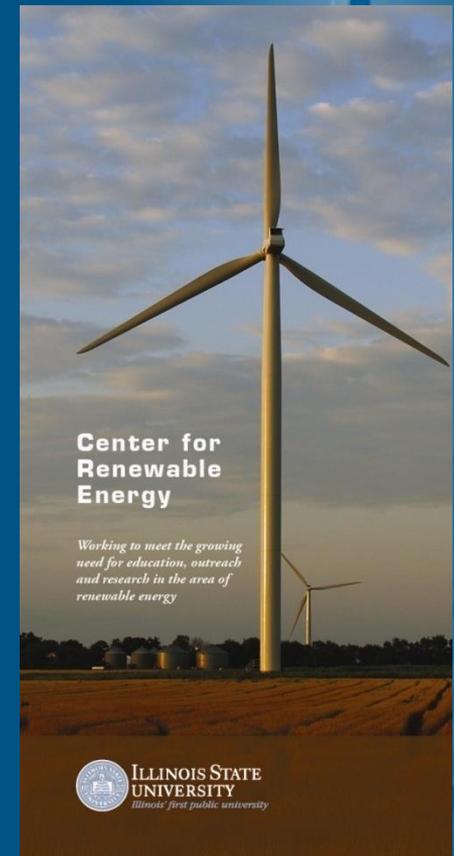
CENTER FOR RENEWABLE ENERGY

Illinois State University

...works to meet the growing need for education, outreach and research in the area of renewable energy.

Three major functional areas:

- to enhance the renewable energy major at Illinois State University;
- to serve the Illinois renewable energy community by providing information to the public;
- to encourage applied research concerning renewable energy at Illinois State University and through collaborations with other universities.





Support of Renewable Energy Major

- BS in Renewable Energy
- Interdisciplinary program administered by the Department of Technology
- Core with 2 tracks –Technical or Economics/Public Policy
- •75 students in major
- •Emphasis on wind, solar, biofuels





Student Internships 2011

- Iberdrola—project development
- Horizon —O&M
- Argonne National Lab (2)—wind assessment
- •Invenergy—Wind Operations Center
- •SEIA headquarters, Washington DC



IL Wind Working Group

- Part of the U. S. Department of Energy's Wind Powering America Program
- One of 34 state wind working groups across the country
- Partially funded by a grant from the U.S. Department of Energy
- Comprised of over 150 stakeholders in Illinois wind energy
- Hosted by Illinois State University



IL Wind Working Group

- Website:

- www.renewableenergy.ilstu.edu/wind/





Providing Information to the Public

- IWWG Annual Conferences
- IWWG SZT Conferences
- IWWG Landowner Forums
- Insuring Our Energy Future (Katie School of Insurance)
- Solar Conference (Heartland Community College)





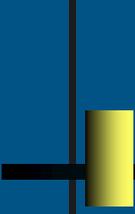
Applied Research 2010

- Wind Energy Public Attitude Research
Winter/Theron
- Impact of Wind Farms on Property Values
Loomis/Hinman; Loomis/Carter
- Economic Impact of Wind Turbine Supply Chain
Loomis/Carlson/Payne
- An Assessment of the Renewable Energy Markets in Illinois – Loomis/Ohler



Applied Research 2011

- **Impact of Wind Farms on Property Values**
Loomis/Carter
- **Illinois RPS: Context, Structure and History of the Policy** Loomis/Pagan
- **Optimal Wind Energy Portfolios in Illinois –**
Chupp/Hickey/Chupp
- **Wind Farm Implications for School Revenue**
- Aldeman/Loomis/Willis
- **Economic Impact of Wind Energy in Illinois**
Loomis/Carter



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