

INDIANA'S STATE OF THE WIND INDUSTRY

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Indiana's market today

- Wave of recent development
 - 531 MW in operation between two farms in Benton County (13th in the country)
 - Two recent groundbreakings equaling 300 MW; 200 MW to be added to existing farm by end of 4Q '09
 - Driven largely by ease of access to transmission and proximity to expensive electricity markets
- MISO queue is filling up with wind projects
 - 6600 MW in queue, of which 2904 MW are completed or active
 - At least 10 different developers are known to be active throughout the northern two-thirds of the state
- Manufacturing push
 - New companies moving in with the help of Indiana Economic Development Corporation (IEDC)
 - Utilizing existing cadre of incentives ranging from loan guarantees to industrial tax credits to venture capital tax credits
 - Existing companies making the transition into wind
 - Multiple studies indicate Indiana can be a national leader in this sector (Renewable Energy Policy Project; 20% by 2030 paper)

Growing wind working group

- About to pass 300 members
 - ▣ Range from academics to interested property owners; from manufacturers to developers; from attorneys to convicts (I meant legislators)
- Members receive information on grant opportunities, recent development and manufacturing activity in Indiana, pending legislation, renewable energy forums, etc...
- Excellent networking opportunity
- Attempting to move group into a more active role in the state
 - ▣ Provide educational forums on various issues related to the wind industry (i.e. transmission siting, job potential, environmental benefits, etc...)
 - ▣ May venture into producing information that can work into various publications (potentially working with 25 by '25 and Purdue Extension)
- Work to develop agenda for annual wind conference

WIndiana 2009



- Second annual wind conference to be held July 21-22
- Goal is to double attendance over last year
- Dual tracks: Resource development and supply chain development
 - ▣ To discuss a range of topics including: small wind, community wind, next era of transmission and storage, siting concerns, wind basics, job potential, European mfg. standards, steel requirements, Indiana perspectives, and more
- Will have local and national appeal
- Sponsorship opportunities still available

Additional Hoosier activities



- Ivy Tech Community College Sustainable Energy Degree Program
 - ▣ Recently passed State Board of Education
 - ▣ Will offer two-year technical degree
- Property owner outreach
 - ▣ Collaboration between Indiana Farm Bureau, Purdue Extension, and Office of Energy Development to explain the costs and benefits of the industry and property owner considerations
- University collaboration on wind research initiative
 - ▣ Sprouted from recent RFP from DOE
 - ▣ Will be working on a host of topics
- Legitimizing economic figures of wind development
 - ▣ Currently attempting to develop a list of companies that are in the industry and those who can make the transition

What does the future hold?

- Continue the development
 - Some estimates have Indiana's potential at 40,000 MW
 - Aided by counties working together to streamline ordinances
- Continue to foster the industry
 - Energy Systems Network, Indiana Economic Development Corporation recruitment effort, Supply-chain outreach
 - Use existing companies and development as a recruiting tool
 - Spring-boarding off of stimulus
- Continue to educate the populous regarding wind's benefits
 - Property owner "cram" sessions; wind working group outreach; renewable energy publications; policy maker outreach
- Continue to build the case for wind in Indiana
 - GLWC and NREL assistance in publication on the economic benefit of the first 500-1000 MW
 - Environmental groups coordinating to develop true costs of the "energy as usual" approach in Indiana

Questions

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