Indiana Wind Working Group

October 26, 2007
Meeting #7
Last Meeting- September 17, 2007

• Hosted by Indiana Municipal Power Agency (Carmel, IN)

• Presentations
  – BHE Environmental (Wind siting issues)
  – Midwest ISO (Transmission and Interconnection)

• Check website for all past & future IWWG meetings, www.energy.in.gov
Future Meetings

• December 14, 2007, Indianapolis, IN
  – 9:30AM to 1PM
  – Focus on wind energy policy
    • Federal: Jeff Anthony, AWEA, “20% Vision Plan”
    • State: IDEM, Clean Energy Credit Program
    • Other: Policy subcommittee ???
    • Also policy to attract wind turbine manufacturing

• January 18, 2008, Indianapolis, IN
  – Planning session for 2008 Indiana Wind Power Conference
2008 Indiana Wind Power Conference

• Tentative details
  – April 24-25, 2008 (Thursday-Friday)
  – Westin Hotel, Downtown Indy
  – 1 and ½ days
    » 24th: Overview, policy, rural benefits/impacts, Indiana utility perspective on wind
    » Sponsored social event
    » 25th: Manufacturing panel and discussion
    » Possible visit to Benton County Wind Farm

• Education committee of IWWG is responsible for overall planning of the conference

• Sponsorship opportunities…
Wind Energy in Indiana

• Currently no utility-scale wind farms in Indiana
• Benton County Wind Farm
  – NW corner of Benton County (near Earl Park)
  – 130 megawatts (87 turbines)
  – Developed by Oakland, CA-based Orion Energy Group
  – Duke Energy and Vectren plan to purchase the power
  – Construction began in late July 2007 and expected to be complete May 2008
  – 22 of 87 foundations completed
Wind Energy in Indiana

• Fowler Ridge Wind Farm
  – Benton County
  – 300-400 megawatts, maybe up to 750 megawatts
  – Developed by Houston-based BP Alternative Energy
  – Indiana Michigan Power and Appalachian Power (VA-WV) plan to purchase power (100 MW each)
  – Start and finish phase I in 2008
  – Currently seeking IURC approval
Wind Energy in Indiana

• 2,000+ MW of wind are in early stages of development in several Indiana counties
  – Benton, Clinton, White, Lake, LaGrange, Allen, Adams, Jay, Randolph, Wayne and Hamilton
• Wind development companies find Indiana attractive because:
  – Good wind resource located in ag/rural areas
  – Good transmission with access to more expensive power markets (PJM and MISO)
Wind Energy in Indiana

- Duke Energy: 100 MW PPA with BCWF
  - 200 MW renewables RFP issued 10/24/2007
  - Proposals due January 15, 2008
- Vectren: 30 MW PPA with BCWF
- Indiana Michigan Power: 100 MW PPA with FRWF
  - Indiana Michigan Power is studying wind resources in Jay, Randolph and Wayne counties
- IPL: up to 200 MW renewable RfP, due September 2007
- Richmond Power & Light: studying wind resource in Wayne Co.
- City of Carmel: studying wind resource near WWTP
County Zoning Ordinances

• Very few Indiana counties have wind turbine ordinances or permitting processes.
• Much can be learned from the counties that have adopted (Benton, Clinton and Tippecanoe counties).
• Address land use, noise, avian, aesthetics, soil erosion, water quality, public health and safety issues, etc.
• Workshop for East Central Indiana landowners on leases, November 7, 2008 in Winchester
  – Presented by IN Farm Bureau, OED, Kit Earle