

# 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](http://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
    - » 24<sup>th</sup>: Overview, policy, rural benefits/impacts, Indiana utility perspective on wind
    - » Sponsored social event
    - » 25<sup>th</sup>: 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