



Meadow Lake Wind Farm will be located in northwestern Indiana in White and Benton Counties. The site offers many advantages as a location for a modern wind power project, including a strong, proven wind resource; excellent access to a transmission line; compatibility with existing land uses and proximity to power markets. The proposed wind farm will co-exist well with the agricultural land use in the area, allowing farmers to continue growing crops while generating revenue from the wind turbines.

ENERGY OUTPUT

Phase I of Meadow Lake Wind Farm has an initial proposed installed capacity of 200 megawatts (MW) - enough to power 60,000 average Indiana homes with clean energy each year. Development is progressing for other phases of the project. These phases could potentially have an installed capacity of up to 800 additional MWs.

BENEFITS TO THE COMMUNITY

Meadow Lake Wind Farm will yield significant economic benefits to the community in the form of payments to landowners, well-paying permanent jobs, local spending and annual community investment. Construction of the first phase of the wind farm will create approximately 400 temporary jobs and 20 permanent, full-time jobs. Phase I spans approximately 26,000 acres; however, only approximately 250 acres will be taken out of crop production for the turbines, roads, operations facility and substation.

The wind farm helps provide energy security to the United States by diversifying the electricity generation portfolio, protecting against volatile natural gas spikes and utilizing a renewable, domestic source of energy.



ENVIRONMENTAL BENEFITS

The first phase of Meadow Lake Wind Farm will prevent the annual emission of 640,000 tons of carbon dioxide, a contributor to climate change; nearly 2.3 million pounds of nitrogen oxide, which causes smog and 8.4 million pounds tons of sulfur dioxide, which causes acid rain. The annual environmental benefits are equivalent to taking 64,000 cars off of the road.

LANDOWNERS

Over a hundred supportive landowners participate in Phase I under long-term lease and easement agreements that cover turbines, access roads, transmission corridors and wind access.

TECHNOLOGY

Horizon Wind Energy has installed meteorological towers, and continues to monitor the wind characteristics in White and Benton Counties. The first phase of Meadow Lake Wind Farm consists of 121 Vestas V82 1.65 MW turbines. Vestas is the largest wind turbine manufacturer in the world, serving an estimated 45 million people in 63 countries.

Modern wind turbine generators are robust, sophisticated, high-tech machines designed to capture the kinetic energy of the wind and convert it into electricity. The gear box and slowly rotating, three-bladed rotor are perched atop towers that are 262 feet in height. The three-bladed rotor spans 269 feet in diameter and turns at about 14 revolutions per minute (rpm).

ENGINEERING

Horizon selected Indianapolis-based Bowen Engineering as the balance of plant (BOP) contractor for Meadow Lake. Bowen provides overall site coordination and logistics, as well as construction of the turbine foundations and road improvements. Founded in 1967, Bowen Engineering is a general contractor focused on water, wind and power construction. Headquartered in Indiana, the company has branch offices in Tennessee and Ohio and performs work across the United States.

WIND FARM DEVELOPER, OWNER AND OPERATOR

Based in Houston, Texas, with over 25 offices and over 15 wind farms across the United States, Horizon Wind Energy has developed more than 2,500 MW and operates over 2,000 MW of wind farms. Horizon is owned by EDP Renewables, a global leader in the renewable energy sector. Currently, EDP Renewables is the world's fourth largest wind energy company in terms of installed capacity. For more information, please visit www.horizonwind.com or www.edprenovaveis.com.





WIND: POWERING A CLEANER, STRONGER AMERICA | WWW.AWEA.ORG

FOR IMMEDIATE RELEASE:
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Indiana Celebrates “Wind Energy Week” With Two Wind Farm Ground Breakings and #1 Wind Power Growth Rate Ranking

New Poll Shows Strong Bipartisan Support for National Renewable Electricity Standard

As new poll results find overwhelming public support for renewable energy in Indiana, the Hoosier state prepares to celebrate “Wind Energy Week” (starting April 13).

The week will be marked with ground breakings at two new projects: the 200-MW Meadow Lake Wind Farm in White County on Tuesday, April 14, and the 106-MW Hoosier Wind Project in Benton County on Friday, April 17. Indiana is the state that currently boasts the fastest wind power growth rate in the nation on a percentage basis, expanding to 130 MW from zero in 2008, completing an additional 400 MW in the first quarter of 2009, and breaking ground on the two new projects as this second quarter begins.

“It is exciting to see the overwhelming support for renewable energy in Indiana,” said AWEA CEO Denise Bode. “Indiana will benefit from these new wind farms, and is also one of the states that stands to benefit the most from new manufacturing jobs in the wind turbine supply chain. As wind power expands in the country, Indiana could become a hub for the manufacturing of some of the 8,000 components that make up a modern wind turbine.

“What is needed now is a national Renewable Electricity Standard (RES) to create a long term, U.S.-wide market for capital investment in wind power and spur growth and manufacturing investment in states like Indiana. The poll released today shows broad and deep support for that very policy among all Indianans.”

The survey, conducted by Garin Hart Yang Research Group and released today by the American Wind Energy Association, found that:

- four-fifths (81%) of Indiana voters FAVOR an RES requiring electric utility companies across the nation to generate at least 15% of their electricity from renewable energy sources by 2021, while just 13% are opposed.
- this issue generates real and committed bipartisan support: 95% of Indiana Democrats favor the RES proposal, as do 78% of independents, and 71% of Republicans.

For an executive summary of the poll, see

http://www.awea.org/newsroom/pdf/Indiana_Poll_Executive_Summary.pdf.

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Over 20 Indiana-based companies will be exhibiting at AWEA's WINDPOWER 2009 Conference & Exhibition in Chicago from May 4-7, including companies such as Ambassador Steel Corporation, Bedford Machine & Tool, Bowen Engineering, Carlisle Industrial Brake & Friction, and White Construction. For agenda, exhibitor and other information, visit the WINDPOWER 2009 web site at www.windpowerexpo.org. For media accreditation information, see http://www.windpowerexpo.org/press_media.cfm .

Following "Wind Energy Week," a Northeast Indiana Wind Energy Supply Chain Workshop will be held on Wednesday, April 22 at Grand Wayne Center in Fort Wayne, IN. For details, visit: http://www.neigbc.org/Wind_Workshop.html.

About the American Wind Energy Association (AWEA):

AWEA is the national trade association of America's wind industry, with more than 1,900 member companies, including global leaders in wind power and energy development, wind turbine manufacturing, component and service suppliers, and the world's largest wind power trade show. AWEA is the voice of wind energy in the U.S., promoting renewable energy to power a cleaner, stronger America. Look up information on wind energy at the [AWEA Web site](#). Find insight on industry issues at AWEA's blog [Into the Wind](#). Join AWEA on [Facebook](#). Follow AWEA on [Twitter](#).

STATE OF INDIANA
EXECUTIVE DEPARTMENT
INDIANAPOLIS

Executive Order

PROCLAMATION

TO ALL TO WHOM THESE PRESENTS MAY COME, GREETINGS:

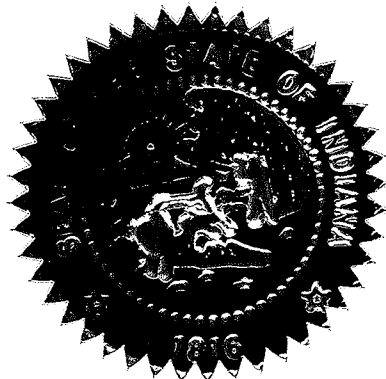
- WHEREAS, The American Wind Energy Association recently declared Indiana to be the fastest-growing state for wind energy installations; and
- WHEREAS, Indiana grew from 0 megawatts (MW) to 130 MW of commercially available wind energy installed in 2008; and
- WHEREAS, Indiana could have a total of 836 MW installed by the end of 2009 – moving Indiana past traditional wind-producing states such as South Dakota and Wyoming; and
- WHEREAS, Groundbreaking on a 200 MW project developed by Horizon Wind Energy in White County will take place on April 14th; and
- WHEREAS, Groundbreaking on a 106 MW project developed by enXco in Benton County will take place on April 17th;

NOW, THEREFORE, I, Mitchell E. Daniels, Jr., Governor of the State of Indiana, do hereby proclaim April 13 - 18, 2009 as

Indiana Wind Energy Week

in the State of Indiana, and invite all citizens to duly note this occasion.

*In Testimony Whereof, I hereto
set my hand and cause to be affixed the
Great Seal of State. Done at the
City of Indianapolis, this 13th
day of April in the year of our
Lord 2009 and of the Independence
of the United States 232.*



BY THE GOVERNOR:

M E Daniels, Jr.

MEMORANDUM

TO: American Wind Energy Association
FROM: Frederick Yang, Hart Research Associates
DATE: April 1, 2009
RE: Key Findings from March 20-22 Indiana Survey on Renewable Energy Issues

Our survey among a representative statewide sample of 603 Indiana voters shows broad and committed support for a national Renewable Electricity Standard (RES). In fact, this is one of the rare issues in American politics today in which there is true bipartisan support.

Consider the following key survey results:

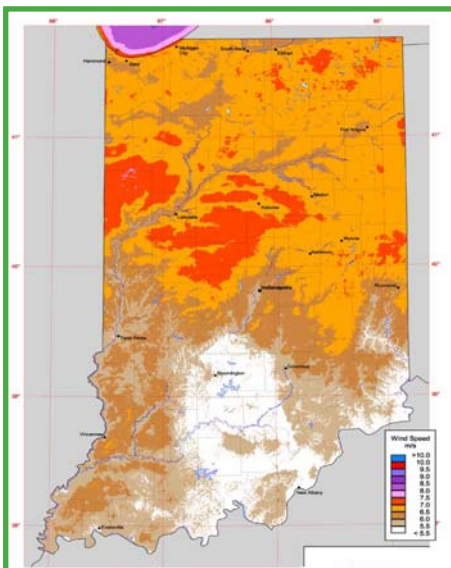
- Better than four-fifths (81%) of Indiana voters FAVOR the RES proposal ("*...REQUIRE electric utility companies across the nation to generate at least 15% of their electricity through renewable energy sources ... by the year 2021*"), while just 13% are opposed.
- This issue generates real and committed bipartisan support: 95% of Indiana Democrats favor the RES proposal (including 73% STRONGLY favor), as do 78% of independents (58% STRONGLY favor) and 71% of Republicans (47% STRONGLY favor).
- In addition to their strong support, voters approach this issue with a surprising base of knowledge about renewable energy (which is yet another indication about the solidity of their support). For example, 72% of "soft" RES supporters are able to VOLUNTEER a comment as to why they support the proposal.
- While there is some sensitivity to the possibility that electricity rates might increase as a result of RES, two key poll findings are relevant: (A) only 27% of voters find this a VERY convincing argument to oppose RES, (B) when told the increase would be only \$2 a month, voters continue to favor RES by nearly four to one.
- What is perhaps even more impressive than the 81% initial favor is voter attitudes after we have provided five CRITICISMS and then re-asked their opinion of the RES proposal. Even after they have heard five concerns and NO supporting arguments, better than two-thirds (68%) of Hoosiers FAVOR the RES proposal, and 23% are opposed.
- Not surprisingly, after voters have heard the pros and cons, by nearly five to one they say that they would feel more favorable (66% to 14%) if their senator/congressman voted FOR the RES proposal.

Indiana and a National Renewable Electricity Standard

How Would a National Renewable Electricity Standard (RES) Affect Indiana?

- **Create Jobs and Investment:** An RES will spur growth in Indiana's wind manufacturing industry, supplying products for wind farms both inside and outside of Indiana. An RES will also support operations and construction jobs.
- **Lower Consumer Electricity Rates:** The costs of an RES would be more than offset by the resulting lower prices for natural gas, saving consumers money and protecting them from cost spikes. The cost of homegrown wind is stable, and the fuel is free. According to a UCS analysis, a 25 percent RES would cumulatively save Indiana consumers \$2.12 billion by 2025.
- **Reduce Emissions:** A national RES is a powerful tool in immediately reducing emissions cost-effectively. Implementing an RES in Indiana could reduce the state's emissions of greenhouse gases by up to 20 percent.
- **Enhance Energy Security:** Renewable resources are plentiful and widely available domestically, reducing our reliance on volatile fuel markets.

How Much Wind Power Could Indiana Develop to Meet an RES?



Indiana Wind Resource Map, showing potential at only 70 meters. All tans, oranges and purple could support utility-scale turbines, with dark orange and purple representing excellent resource. Potential at higher hub heights is even greater.

Indiana has excellent wind resources. At current industry average hub heights of 70 meters, the National Renewable Energy Laboratory (NREL) estimates that Indiana has 40,000 megawatts (MW) of wind potential. At 100 meter heights, the potential may be 80,000 MW.

- To meet a 15 percent RES through wind energy alone, Indiana would only need to install 5,700 megawatts (MW) of capacity, powering 1.4 million homes and offsetting 9 million tons of CO₂. There are already 5,500 MW of wind waiting to come online in Indiana on MISO's queue.
- To meet a 25 percent RES through wind energy alone, Indiana would need to install 9,600 MW of capacity, powering 2.4 million homes and offsetting 15.5 million tons of CO₂.

Indiana has wind resources across the state. By developing onshore wind capacity, Indiana could not only provide enough plentiful clean in-state power to meet any RES, but export wind power to other states as well.

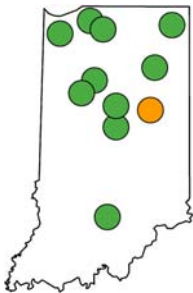
Already in 2009, BP/Dominion Energy has brought the 400 MW Fowler Ridge project online. In April enXco and Horizon, both major wind developers, will break ground on projects in Indiana rating 106 and 200 MW, respectively. By the end of the year, wind will power over 240,000 homes in Indiana.

Modified April 2009

What Are the Economic Benefits of 9,600 MW of Wind Power in Indiana?

Developing just 9,600 MW of Indiana's electricity from onshore wind energy would generate 25 percent of its qualifying 2025 electricity and provide numerous economic benefits, including:

- Operations and management jobs (around 950)
- Construction jobs (around 600 per year)
- Growth and investment in the manufacturing sector
- Significant lease payments to land owners (over \$28 million per year)
- Positive contributions to the tax base, especially in rural areas
- Cumulatively reduce the energy costs of Indiana consumers by \$2.12 billion by 2025.



Indiana
Manufacturing Map.
Green are existing,
Orange is
announced.

What is the Potential for Wind Manufacturing?

Indiana has the potential to be a manufacturing powerhouse for the wind industry. Many of the skills Indiana workers already have would easily transfer to wind manufacturing, providing thousands of new green collar jobs and spurring billions in investment.

Indiana already has around 1,000 companies that could manufacture wind components, ranking 6th in the nation for potential renewable energy manufacturing job creation.

Many Indiana auto component suppliers are already making the switch to produce for the wind industry. Some companies that several years ago were supported almost entirely by the auto industry are now producing the majority of their product for the wind industry.

An example of the switch to wind is Ambassador Steel of Auburn. Ambassador supplies steel for the bases of turbines, and in recent years wind energy manufacturing has increased to account for between 30-40 percent of their business, supporting 40 workers.

Indiana has already been successful in attracting major investment to the state with the announcement that Brevini, an Italian gearbox manufacturer, would open its first American facility in Muncie. Brevini is investing approximately \$60 million in Indiana, and will employ around 450 people at full capacity.

Indiana Wind Facts

Current installation: 531 MW, of which 400 MW installed in 2009, powering over 150,000 homes

Wind capacity currently under construction: 306 for 2009, 450 MW additional for 756 MW total

Potential wind capacity: 40,000 MW

Current and announced wind-related manufacturing facilities: 11

Jobs at online and announced manufacturing facilities: 1,000 +

Construction jobs supported in 2008: 130

Existing permanent operations and management jobs: 50