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(FORM UPDATED: 08/11/2010)

WISCONSIN STATE LEGISLATURE ... PUBLIC HEARING - COMMITTEE RECORDS

2009-10

(session year)

Assembly

(Assembly, Senate or Joint)

Committee on Energy and Utilities...

COMMITTEE NOTICES ...

- Committee Reports ... **CR**
- Executive Sessions ... **ES**
- Public Hearings ... **PH**

INFORMATION COLLECTED BY COMMITTEE FOR AND AGAINST PROPOSAL

- Appointments ... **Appt** (w/Record of Comm. Proceedings)
- Clearinghouse Rules ... **CRule** (w/Record of Comm. Proceedings)
- Hearing Records ... bills and resolutions (w/Record of Comm. Proceedings)
 - (ab = Assembly Bill) (ar = Assembly Resolution) (ajr = Assembly Joint Resolution)
 - (sb = Senate Bill) (sr = Senate Resolution) (sjr = Senate Joint Resolution)
- Miscellaneous ... **Misc**

* Contents organized for archiving by: Stefanie Rose (LRB) (December 2012)

WOOD AMENDMENT POINTS
(who sometimes drives "less than alert")

The bottom line is this amendment creates massive uncertainty for wind development in Wisconsin.

Major financiers are not going to back a project where there is an indeterminate, potentially massive cost involved, in payments to the property owners in the footprint.

This amendment would set a precedent for any group that feels a structure has lowered

or neighboring business
might wish to get compensation because it.

their property values, might attempt to get
compensation. Utilities which operate
transmission lines will particularly be
targeted in this case.

In addition, this amendment suggests a loss
in property values; however it is unclear how
this loss would be calculated.

Whether the Dept of Revenue or local
assessors would be required to determine
the property values, and whether or not any
other factors that would damage or improve
the value of the parcel would be taken into

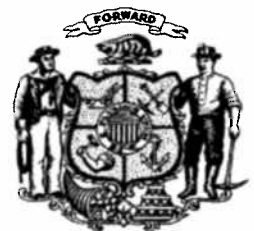
Standing of 4 best Family

Financial CAP

Commission Would do it for
10 MW + ↑



WISCONSIN STATE LEGISLATURE



All along this bill has been about allowing the PSC to consult with a non-partisan group of both pro and anti wind experts to create uniform siting standards. What this bill has not been about is telling the PSC what those rules should be. Large projects, over 100 MW, now have these assessments. It is likely that the PSC will decide that facilities under 100 Mw will also need these assessments. However, the bill is not the place for making this determination. The PSC public hearings and rule making process is the place to make this decision.

All along this bill has been about allowing the PSC to consult with a non-partisan, both pro + anti wind, group of experts to create uniform siting standards. What this bill has not been about is telling the PSC how to make these rules. Large (over 100 Mw) projects have to have these assessments and it is likely that the PSC will decide that under 100 Mw Facilities will need them too however, the bill is not the place for this ... the PSC hearings are.





State of Wisconsin
2009 - 2010 LEGISLATURE

LRBa0640/1
JK:nwn:rs

ASSEMBLY AMENDMENT ,
TO ASSEMBLY SUBSTITUTE AMENDMENT 1,
TO 2009 ASSEMBLY BILL 256

*If you want to Make Lawyers Rich... this is it
It sets a horrible precedent*

1 At the locations indicated, amend the substitute amendment as follows:

2 1. Page 7, line 8: after that line insert:

3 “(h) If a political subdivision that approved an application under this
4 subsection receives a report under s. 73.03 (69), the applicant shall compensate each
5 property owner identified in the report for any decrease in the value of the person’s
6 property, as specified in the report.”.

7 2. Page 10, line 3: after that line insert:

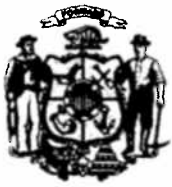
8 “SECTION 9m. 73.03 (69) of the statutes is created to read:

9 73.03 (69) To value, as provided under s. 70.57, all property within a one-mile
10 radius of a wind energy system approved under s. 66.0401 (4) no later than 2 years
11 after the system is completed and to report to the political subdivision that approved
12 the system any decrease in the property values from the year before the year the

1 system was completed to the year in which the department values the property under
2 this subsection. The report submitted under this subsection shall identify each
3 parcel valued by the department, and its owner, and list the parcel's value for the
4 year before the year in which the wind energy system was completed and the parcel's
5 value for the year in which the department values the parcel under this subsection.”.

6

(END)



ASSEMBLY AMENDMENT,
TO ASSEMBLY SUBSTITUTE AMENDMENT 1,
TO 2009 ASSEMBLY BILL 256

Not Germane

1 At the locations indicated, amend the substitute amendment as follows:

2 **1.** Page 7, line 8: after that line insert:

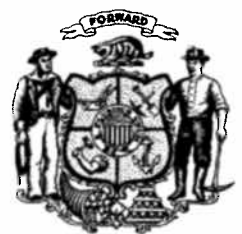
3 “(h) If a political subdivision approves an application under this subsection, the
4 applicant shall pay each year to the department of revenue, in the time and manner
5 prescribed by the department, a fee equal to 1 percent of the fair market value, as
6 determined by the department, of the applicant’s wind energy system towers and
7 turbines located in the political subdivision. The department shall annually
8 distribute the amount collected under this paragraph to all school districts that are
9 part of the taxation district in which the political subdivision is located in proportion
10 to each school district’s property tax levy for that taxation district.”

11

(END)



WISCONSIN STATE LEGISLATURE





Dedicated to making sure that wind turbines get sited the *RIGHT WAY*.

PLEASE SUPPORT AMENDMENTS TO SB 185

The *Coalition for Wisconsin Environmental Stewardship* (CWEST) has worked diligently for the last 2 years to try to craft wind siting legislation that would respect property rights and lead to wise regulatory decisions. We have put forth numerous suggestions and turned out hundreds for public hearings to express our concerns.

SB 185 does not represent a compromise or reasonable approach to wind siting.

While we appreciate the efforts of many Senators to amend or rework the bill, there still exist several problem areas that need to be addressed. We support amendments that accomplish the following:

- 1 – Require wind developers to conduct the same Environmental Assessment that larger projects do.**
- 2 – Require wind developers to show proof of financial capacity to complete the project at the time they apply for the permits.**
- 3 – Allow local governments the ability to require developers to compensate neighbors for their loss in property value. Last week we released a scientific study showing 30-40% loss in property value for neighbors living within a mile of the wind farms.**
- 4 – Put in place a procedure to enforce the siting regulations. Currently there is no mechanism to enforce violations of the siting rules that the developers themselves have agreed to.**
- 5 – Grandfather in existing local wind ordinances. Relatively few localities have adopted wind ordinances and these municipalities have put a lot of research and effort into their creation. It seems very unfair to just throw them out by legislative fiat.**
- 6 – Require that any setbacks to homes must also be the setback to a buildable site, otherwise property owners have their right to fully utilize their property “taken” from them by state regulation.**

Although we still feel very strongly that local governments should maintain some degree of local control over land use decisions, CWEST has offered the above recommendations in the spirit of compromise. We hope the State Assembly will address these concerns.

Please feel free to contact our representative for more information: Bob Welch at 608-819-0150.

IS WISCONSIN WIND THE BEST WAY TO A RENEWABLE FUTURE?

At a recent meeting of the Assembly Renewable Energy Committee, PSC Chairman Eric Callisto made the following remark " ...we need to seek out the best resource from an economic perspective. And right now Wisconsin wind, and I'm focused on terrestrial wind, is not as strong as wind to the West - Iowa, Minnesota, the Dakotas." We agree.

Why does this matter?

Because the legislature soon faces the prospect of trying to reform Wisconsin's wind turbine siting regime. You will be asked to completely override local input and control in favor of a state mandated siting regime written largely by the wind turbine investors.

If Wisconsin wind needed to be utilized to make our renewable portfolio standard (RPS) percentages, then it might be worth the loss of local control.

But in order to understand good wind v. bad wind one needs to know about **capacity factor**.

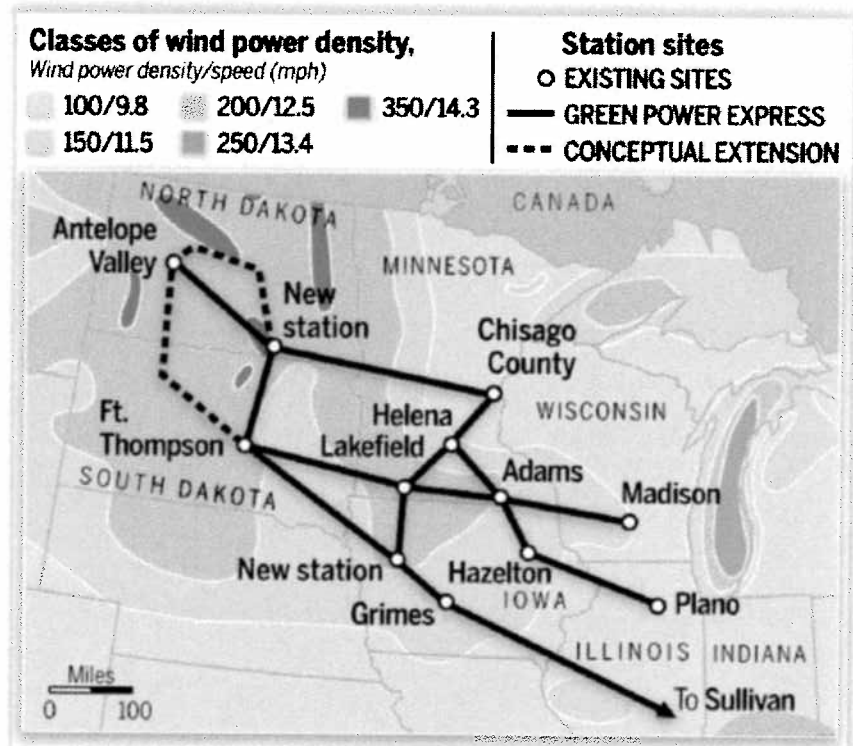
Capacity factor means the percentage of rated capacity that a wind turbine will actually deliver to the grid. More wind equals higher capacity factor. The advantages of a site go down as the capacity factor goes down, both in terms of real economic output and in terms of greenhouse gas savings per turbine.

Out West it is not uncommon to see a capacity factor of 35%. But in Wisconsin we are lucky to see a capacity factor of 25%. The windmills in Montfort are averaging about 21% capacity factor; the turbines in Kewaunee County are at 17%. Source: Department of Energy

Perhaps the best way to meet our growing demand for renewables is not to cram wind turbines into residential neighborhoods in Wisconsin, but to seek out the best available wind resource and bring the electricity here.

Wisconsin's RPS is scheduled to get us to 10% by 2015 - meaning we need an additional 630 MgW. At the estimated \$2 million/MgW of installed wind power here is the math:

Good Wind - 35% capacity factor - total cost to construct - **\$3.6 billion**
 Typical Wisconsin Wind - 25% capacity factor - total cost to construct - **\$5.04 billion**



Source: Green Power Express BOB VEIERSTÄHLER/veierstahler@journal-sentinel.com

Sure there is a cost for transmission lines, but wouldn't we need to build those anyway?

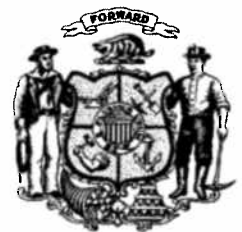
Chairman Callisto also said, "Choices we make now are going to impact this country, this state, half a century from now. We've got to make sure we get it right."

We couldn't agree more.

For more information contact CWEST's representative Bob Welch at 608-819-0150



WISCONSIN STATE LEGISLATURE



REPRESENTATIVE

BALLWEG, Joan (R-41) ✓
 BARCA, Peter (D-64)
 BENEDICT, Chuck (D-45)
 BERCEAU, Terese (D-76)
 BERNARD SCHABER, Penny (D-57)
 BIES, Garey (R-1)
 BLACK, Spencer (D-77)
 BROOKS, Ed (R-50)
 CLARK, Fred (D-42)
 COLON, Pedro (D-8) ✓
 CULLEN, David (D-13) ✓
 DANOU, Chris (D-91)
 DAVIS, Brett (R-80)
 DEXTER, Kristen (D-69)
 FIELDS, Jason (D-11)
 FITZGERALD, Jeff (R-39)
 FRISKE, Donald (R-35)
 GARTHWAITE, Phil (D-49)
 GOTTLIEB, Mark (R-60) ✓
 GRIGSBY, Tamara (D-18)
 GUNDERSON, Scott (R-83)
 GUNDRUM, Mark (R-84) ✓
 HEBL, Gary (D-46)
 HILGENBERG, Steve (D-51)
 HINTZ, Gordon (D-64) ✓
 HIXSON, Kim (D-43)
 HONADEL, Mark (R-21)
 HRAYCHUCK, Ann (D-28) ✓
 HUBLER, Mary (D-75)
 HUEBSCH, Michael (R-94)
 JORGENSEN, Andy (D-37)
 KAUFERT, Dean (R-55) ✓
 KERKMAN, Samantha (R-66)
 KESSLER, Frederick (D-12)
 KESTELL, Steve (R-27)
 KLEEFISCH, Joel (R-38)
 KNODL, Dan (R-24)
 KRAMER, Bill (R-97) ✓
 KRUSICK, Peggy (D-7) ✓
 LEMAHIEU, Daniel (R-59)
 LOTHIAN, Thomas (R-32)
 MASON, Cory (D-62)
 MEYER, Dan (R-34)
 MILROY, Nick (D-73)
 MOLEPSKE, JR., Louis (D-71)
 MONTGOMERY, Phil (R-4)
 MURSAU, Jeffrey (R-38)
 MURTHA, John (R-29)
 NASS, Stephen (R-31)
 NELSON, Tom (D-5) ✓

ROOM

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REPRESENTATIVE

NERISON, Lee (R-96)
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 PASCH, Sandy (D-22)
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 STONE, Jeff (R-82)
 STRACHOTA, Pat (R-58)
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 ZIGMUNT, Ted (D-2)
 ZIPPERER, Rich (R-98)

ROOM

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 Mailing: PO Box 8952 (Reps A-L) PO Box 8953 (Reps M-Z) Madison, WI 53708 E-Mail: Rep.(insert last name)@legis.wisconsin.gov (see footnote)
 HEARING ROOMS: North HR (2ND FL)-264-8317; 413 NORTH (GAR)-264-8318; (EM=1 E. Main; RJC=Risser Justice Center, 17 W. Main St., Madison, WI 53703)
 400 NE-266-2848; 412 E-266-7632; 416 NW-266-2411

REPRESENTATIVE

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 NEWCOMER, Scott (R-33)
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 ROYS, Kelda (D-81)
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 SEIDEL, Donna (D-85)
 SHERIDAN, Mike (D-44)
 SHERMAN, Gary (D-74) ✓
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 SPANBAUER, Richard (R-53)
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 STEINBRINK, John (D-65)
 STONE, Jeff (R-82)
 STRACHOTA, Pat (R-58)
 SUDER, Scott (R-69)
 TAUCHEN, Gary (R-6)
 TOLES, Barbara (D-17) ✓
 TOWNSEND, John (R-52)
 TURNER, Robert (D-61)
 VAN AKKEREN, Terry (D-26) ✓
 VAN ROY, Karl (R-90)
 VOS, Robin (R-63)
 VRUWINK, Amy Sue (D-70)
 VUKMIR, Leah (R-14)
 WILLIAMS, Annette (D-10) ✓
 WILLIAMS, Mary (R-87)
 WOOD, Jeffrey (I-67)
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 ZIGMUNT, Ted (D-2)
 ZIPPERER, Rich (R-98)

ROOM

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PHONE

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 6-8366
 6-9180
 6-0960
 6-7506
 6-1104
 6-3786
 6-1707
 6-0315
 6-9870
 6-5120

Assembly Chief Clerk's Office 401-RJC 6-1501
 Assistant Chief Clerk, Bill Nagy 401-RJC 6-1501
 Ofc Mngr/Time Rpts/Gen Info (Laura) 401-RJC 6-1501
 Rcrds/Cirg Hse Rules/Comm. Rpts (Kay) 401-RJC 6-5550
 Journals/Citations/Sess. Prayer (Julie) 401-RJC 6-2406
 Bill Intro/Bulletins/Calendar (Jeryn) 401-RJC 6-2545
 Assm Tele. Equip./Voicemail (Jeryn) 401-RJC 6-2545
 Per Diem/Roll Calls/Parking (Doris) 401-RJC 4-8588
 Travel/Interns/Copy Cards (Doris) 401-RJC 4-8588
 Assembly Ofc Accts/Printing (Julanne) 401-RJC 6-3826
 Chief Clerk Fax Number 401-RJC 6-5617
 Leg. Human Resources 301-RJC 4-8471
 Sergeant-at-Arms Office/staff 411-West 6-1503
 Hearing Room Schedules 411-West 6-2004
 Anne Tonnon Byers, Dpty Sgt-at-Arms 411-West 6-2004
 Bill Nagy, Sgt-at-Arms 411-West 7-9808

General Office Supplies 411-West 6-1503
 Quick Copy Center GEF 3, Rm 011 6-2331
 Leg. Audit Bureau 22 E. Mifflin 6-2818
 Leg. Council 401-EM 6-1304
 Leg. Fiscal Bureau 301-EM 6-3847
 Legislative Hotline 411-West 6-9960
 (Toll-free number) 800-362-9472
 Leg. Post Office B10-West 6-5837
 LRB-Reference Section 200-EM 6-0341
 LRB-Bill Drafting 200-EM 6-3561
 LTSB Technical Support 200-RJC 7-9528
 Call Forwarding to SGT 411-West 6-3044
 Capitol Buildings and Grounds 119-RJC 6-1485
 CAPITOL POLICE DEPT. (Emergency) B2-North 6-7700
 CAPITOL POLICE DEPT. (Non-Emrg) B2-North 6-8797

Graphic Designer-Peggy Frain RJC-401 4-8395
 Graphic Designer-Bob Johnston 323-West 4-8603

Photographer-Brent Nicastro B-7-West 1-9476
 Photographer-Jay Salvo B-23-West 7-0897

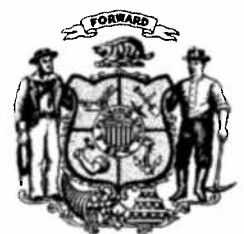
Leg. Website: www.legis.state.wi.us

Mailing: PO Box 8952 (Reps A-L) PO Box 8953 (Reps M-Z) Madison, WI 53708 E-Mail: Rep.(Insert last name)@legis.wisconsin.gov (see footnote)

HEARING ROOMS: North HR (2ND FL)-264-8317; 413 NORTH (GAR)-264-8318; (EM=1 E. Main; RJC=Risser Justice Center, 17 W. Main St., Madison, WI 53703)
 400 NE-266-2848; 412 E-266-7632; 415 NW-266-2411



WISCONSIN STATE LEGISLATURE



Invenergy

Invenergy Wind LLC
One South Wacker Drive, Suite 2020
Chicago, IL 60606

312-224-1400

www.invenergyllc.com

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This brochure is printed on 100% post-consumer waste fiber,
and is manufactured with non-polluting, wind-generated electricity.



THE WIND ENERGY OPPORTUNITY
Wayne County is the right place to
host a wind farm. The townships of Holland,
Morrison, Rockland and Wrightstown have high
wind readings, existing electricity transmission
lines, available farmland, and willing landowner
and local governmental partners.

THE PROJECT'S SCOPE

The Ledge Wind Energy Center is a \$300-million project that will be located across 10,000 acres of farmland. The 100 General Electric wind turbines can each produce 1.5 megawatts (MW) of power, and will be sited about one-third mile apart, for a total project capacity of up to 150 MW. Each turbine and access road occupies about one-third of an acre of land. The state-of-the-art turbines combine a 262-foot tower with a 126-foot blade. At its peak the turbine blade will reach almost 400 feet. The project will produce enough pollution-free energy to power more than 40,000 typical homes. The electricity will be consumed by homes and businesses in the area.

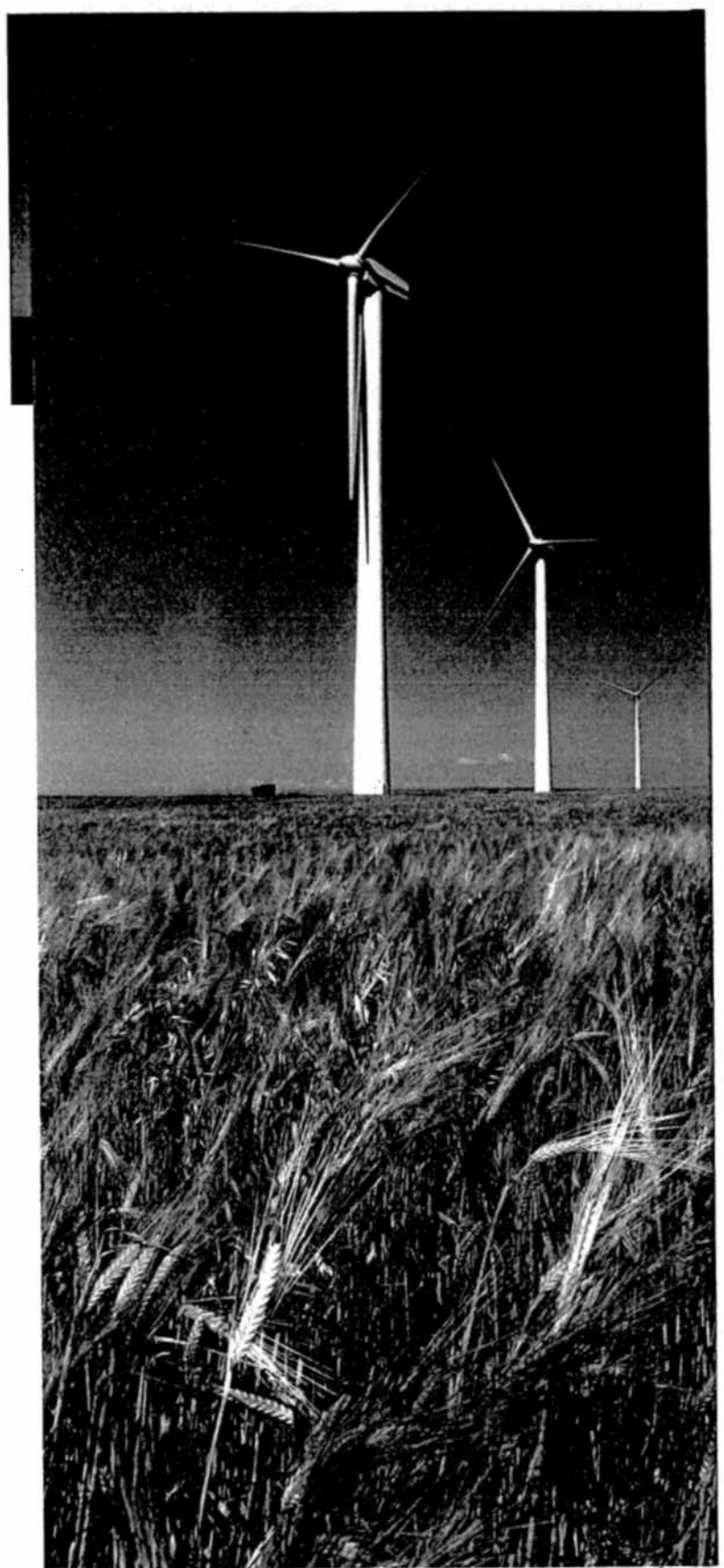
THE PROJECT'S BENEFITS

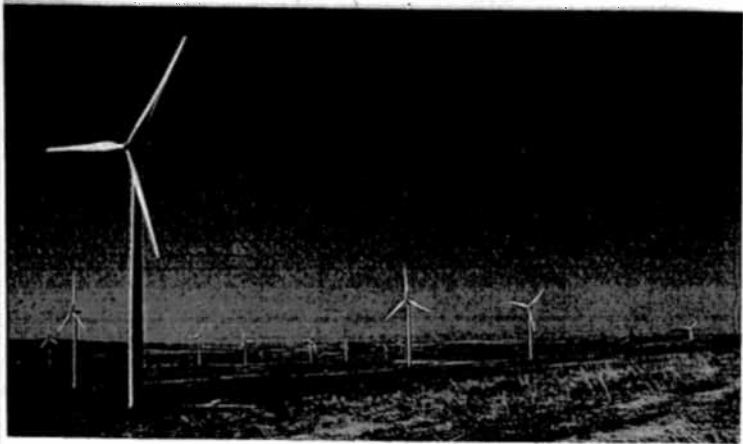
Local Revenues. The wind farm will generate more than \$1 million annually in tax revenues for local county, township and school district governments. These funds can be used to improve local schools, roads and parks, as well as to support critical social service programs.

Help Farmers Keep Farming. The dozens of landowner partners hosting turbines will receive annual payments for 25 years. Local farmers will receive more than \$1 million annually, which can be used to improve farms and expand operations.

Job Creation. Building the wind farm will create about 150 local construction jobs. Once completed, plant maintenance and management will create as many as 15 ongoing jobs and an annual maintenance budget of more than \$3 million.

Meeting Wisconsin's Clean Energy Needs. Wisconsin has a goal of generating 25 percent of its power from renewable energy sources by 2025 (the state currently gets less than .2 percent of its electricity from renewable sources). Because Wisconsin is a net importer of more than \$13 billion in energy annually, Governor Jim Doyle has created The Office of Energy Independence. Its goal, according to Governor Doyle is: "To capture 10% of the emerging bio-industry and renewable energy market by 2030, and lead the nation in groundbreaking research that will make renewable energy more affordable and will create good paying Wisconsin jobs."





THE ENVIRONMENT

Setbacks. Wind turbines are designed to high standards to withstand extremely high winds and are located at least 1,000 feet from inhabited structures. Sound levels from modern wind turbines are minimal and generally unnoticeable.

Birds. Wind turbines do not pose a significant threat to migrating birds. A wide variety of studies have shown that many, many more birds are killed by large buildings, picture windows, cars, cats and pesticides, than by wind farms.

Aesthetics. Some people prefer a landscape that never changes. But in the case of wind turbines, they are only built in areas where there are already electricity, cell and radio towers. Many people find the modern turbines sleek and elegant, and enjoy them as symbols of a progressive and less polluted energy future. In historic and rustic Europe, wind farms are common and widely embraced.

Forests. Wind turbines reduce emissions of carbon dioxide that are produced by electric power plants using fossil fuels. The 100 wind turbines will prevent emissions of 480,000 tons of carbon dioxide annually. Since the average forest absorbs three tons of carbon dioxide per year, the Ledge Wind Energy Center will prevent as much carbon dioxide from being emitted each year as could be absorbed by 160,000 acres of forest.

THE PROJECT'S LEADER

Invenergy Wind LLC. Formed in 2001, Invenergy is a leading clean energy company focused on the development, ownership, operation and management of large-scale electricity generation assets in the North American and European markets. Invenergy is a Chicago-based company that is actively developing wind projects in more than 20 states, Canada and Europe. Invenergy currently has more than \$2 billion of wind energy projects (16 projects) in operation or under construction – which collectively represent more than 1,500 MW of wind power. Invenergy has secured 1,500 MW (1,000 units) of wind turbines from General Electric for deliveries in 2008 and 2009, enough electricity to power 500,000 typical homes.

PROJECT SCHEDULE

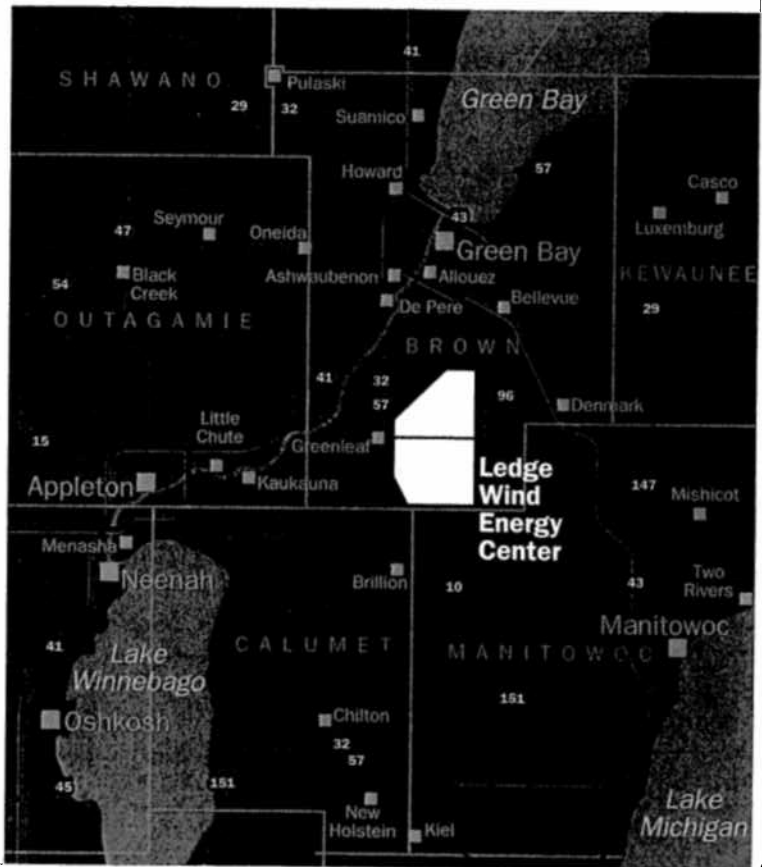
Permitting Process: 2008

Government Approvals: 2008/2009

Construction Begins: 2009

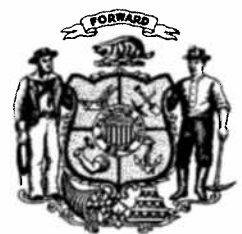
Commercial Operation: 2010

If you are interested in additional information about the Ledge Wind Energy Center, please contact Michael Arndt at 612-208-0189.





WISCONSIN STATE LEGISLATURE



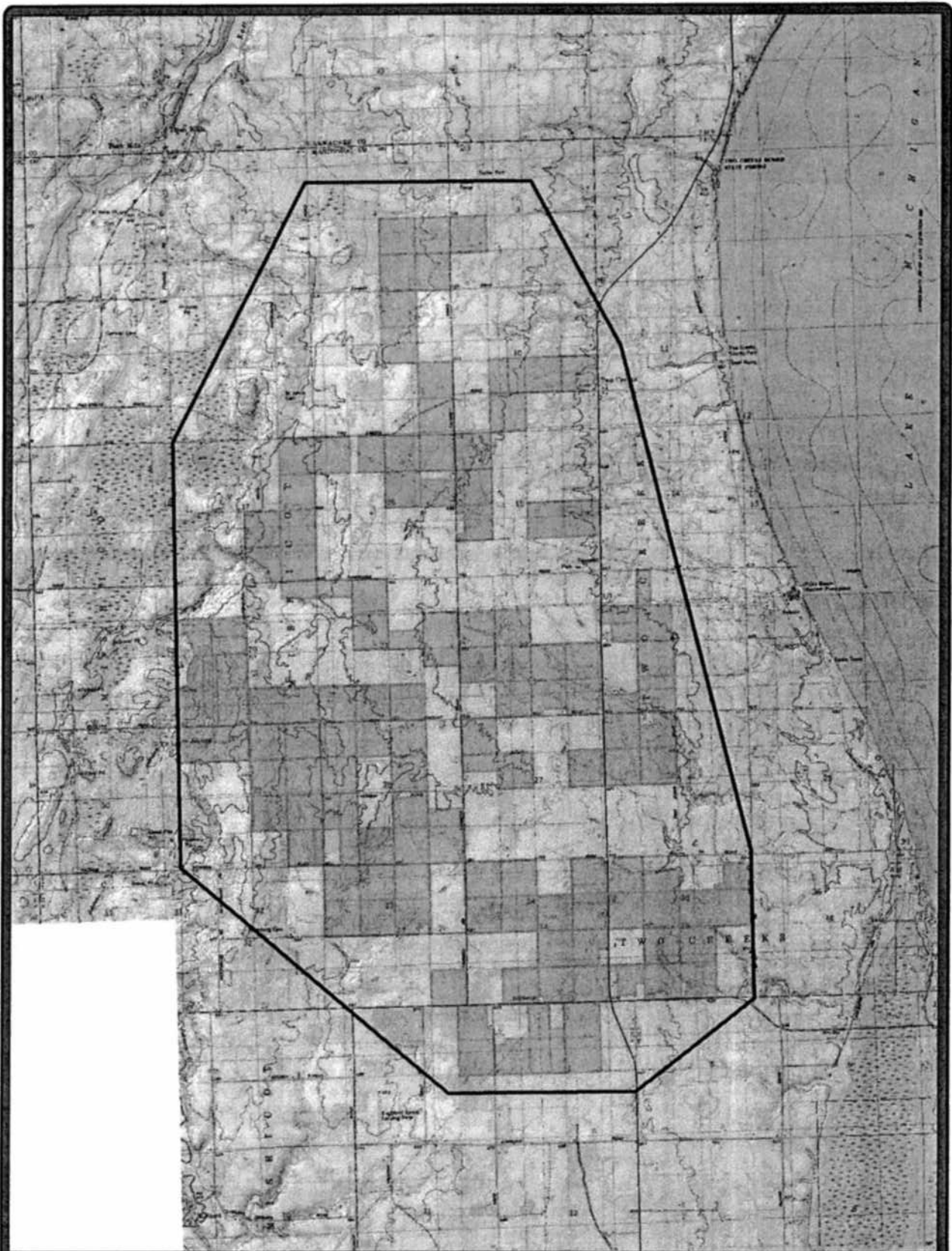



Figure 1. Project Location & Topography
Twin Creeks Wind Farm



Location
T21N, R24E; Two Creeks, Two Rivers and
Mishicot Townships; Manitowoc County, WI

0 2,500 5,000 Feet

Project Information
Project Number : 008-0000-01
Modified April 11, 2008



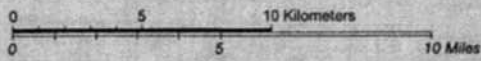
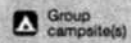
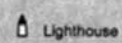
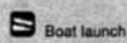
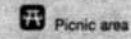
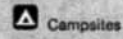
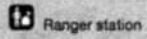
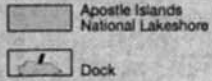
Legend

-  Project Area
-  Project Parcels

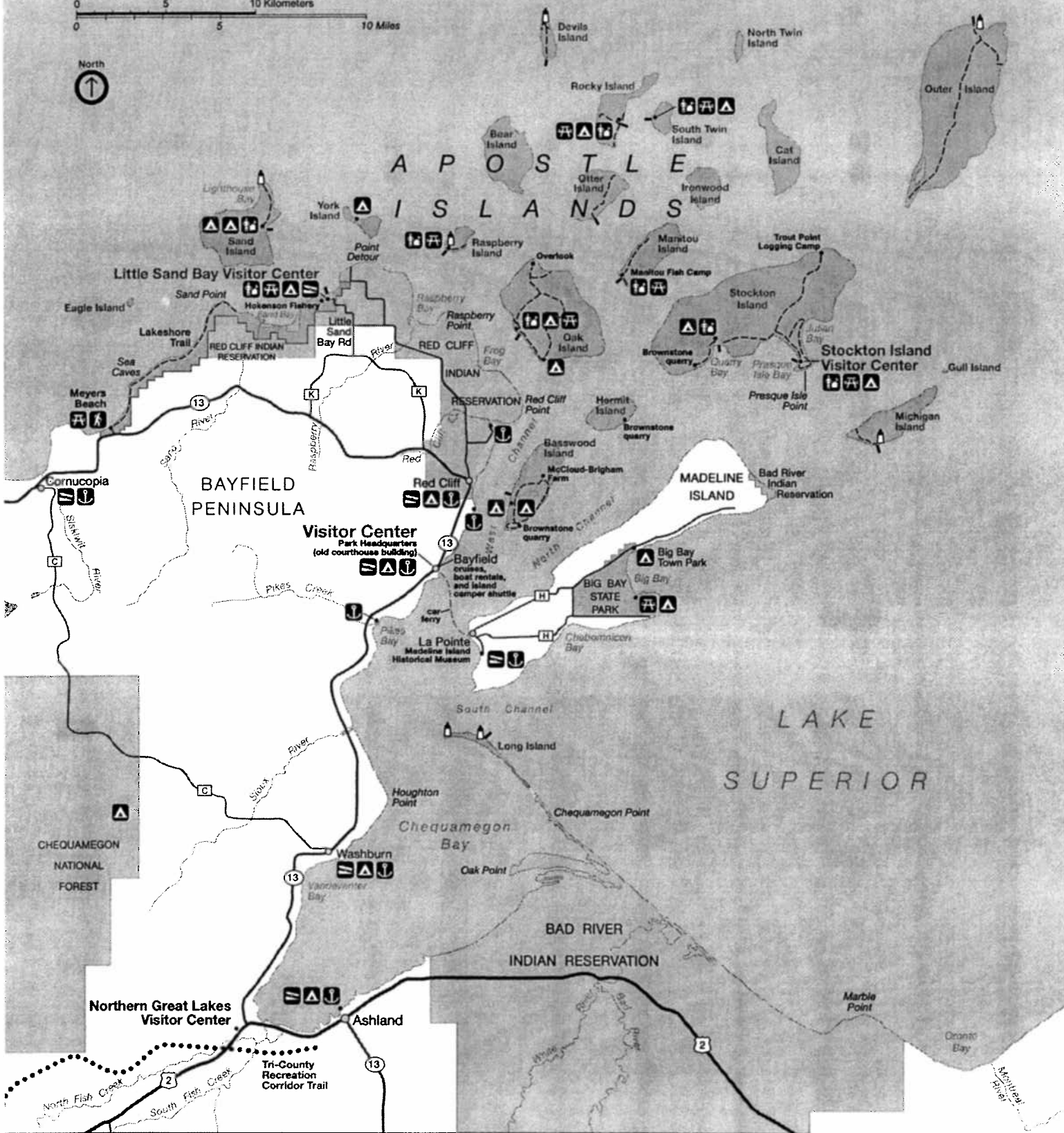
Data Source: InRoads 1000, Garmin

NRC
Natural Resource Consulting, Inc.

119 South Main Street
P.O. Box 128
Cottage Grove, WI 52937-0128
Phone: 608-820-1908
Fax: 608-820-1905
www.nrcwi.com



APOSTLE ISLANDS



Little Sand Bay Visitor Center

Stockton Island Visitor Center

Visitor Center
Park Headquarters
(old courthouse building)

Northern Great Lakes Visitor Center

Tri-County Recreation Corridor Trail

LAKE SUPERIOR

BAD RIVER INDIAN RESERVATION

CHEQUAMEGON NATIONAL FOREST

Northern Great Lakes Visitor Center

Tri-County Recreation Corridor Trail

LAKE SUPERIOR

BAD RIVER INDIAN RESERVATION

CHEQUAMEGON NATIONAL FOREST





WISCONSIN WIND FARM CAPACITY WITHIN ATC GEOGRAPHIC FOOTPRINT

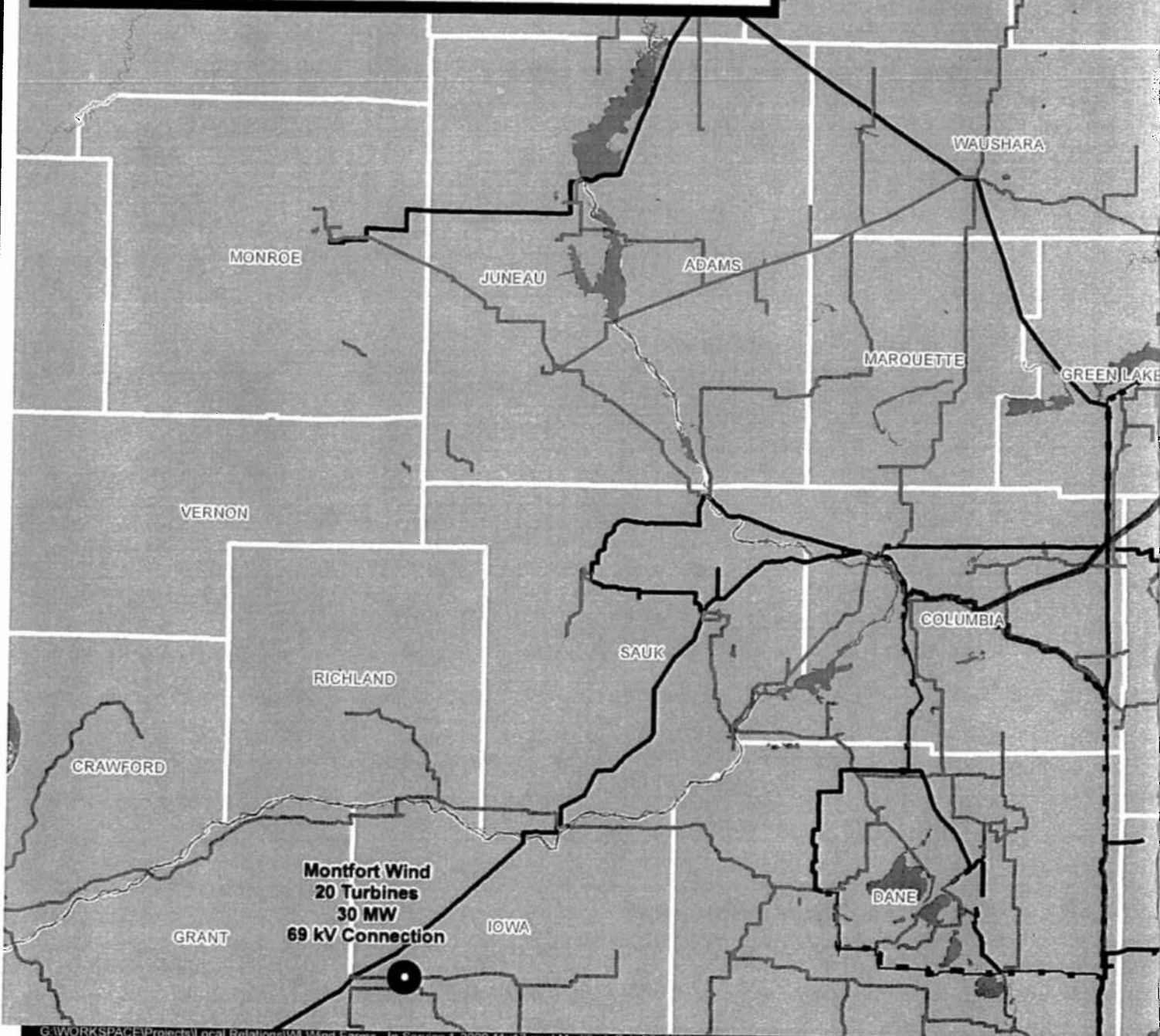
As of January 2009

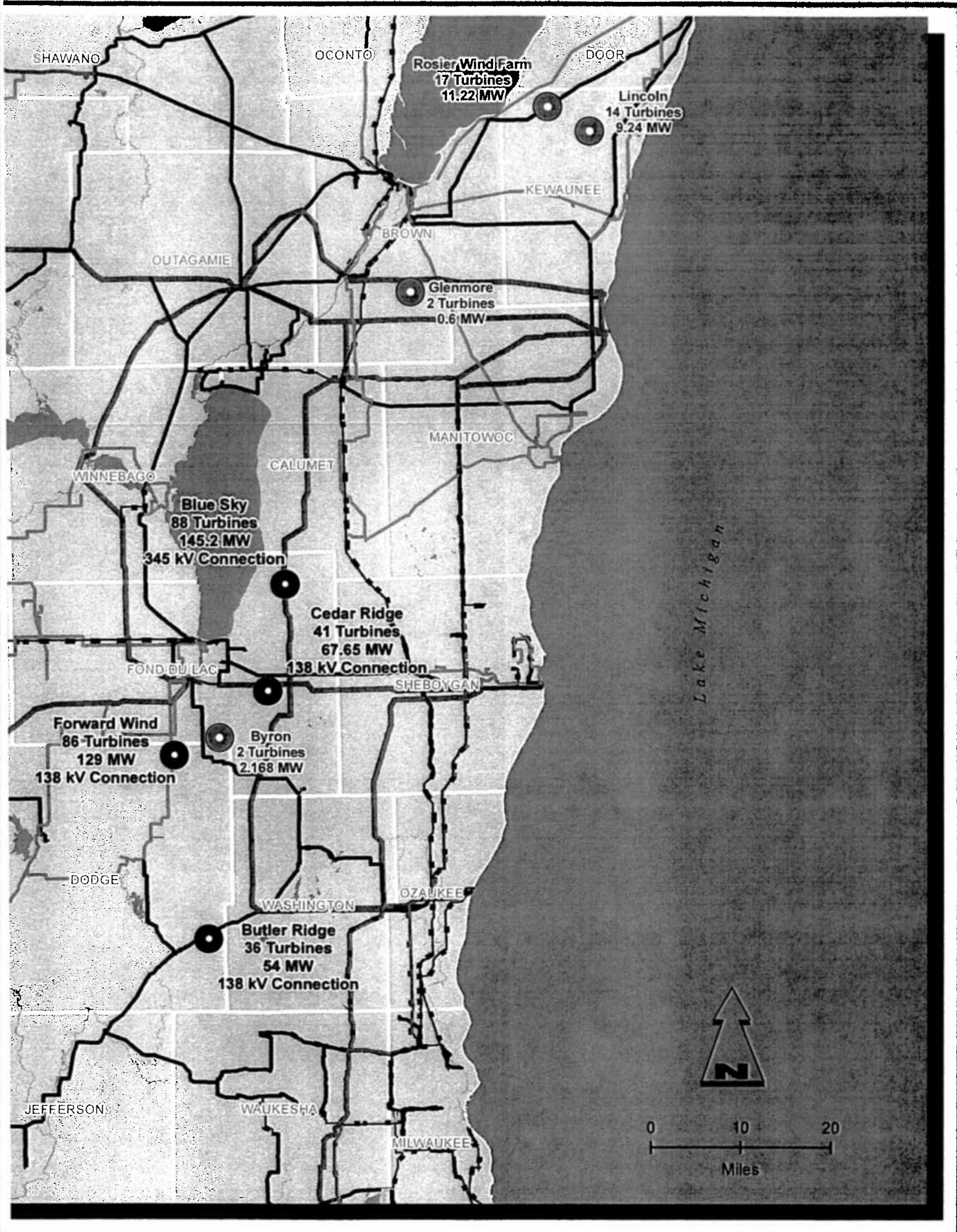
- Wind Farms in Service 425 MW
- Wind Farms in Service (Connected at distribution level) 23 MW

Wind farm locations provided by the Public Service Commission of Wisconsin.

ATC TRANSMISSION LINES

- | | | |
|----------------|----------------|----------------|
| 69 kV | 138 kV | 345 kV |
| Single Circuit | Single Circuit | Single Circuit |
| Double Circuit | Double Circuit | Double Circuit |





SHAWANO

OCONTO

DOOR

Rosier Wind Farm
17 Turbines
11.22 MW

Lincoln
14 Turbines
9.24 MW

KEWAUNEE

BROWN

Glenmore
2 Turbines
0.6 MW

OUTAGAMIE

MANITOWOC

CALUMET

WINNEBAGO

Blue Sky
88 Turbines
145.2 MW

345 kV Connection

Cedar Ridge
41 Turbines
67.65 MW

138 kV Connection

FOND DU LAC

SHEBOYGAN

Forward Wind
86 Turbines
129 MW

138 kV Connection

Byron
2 Turbines
2.168 MW

DODGE

WASHINGTON

OZAUKEE

Butler Ridge
36 Turbines
54 MW

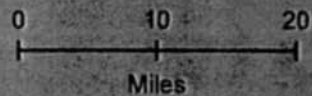
138 kV Connection

JEFFERSON

WAUKESHA

MILWAUKEE

Lake Michigan





Steve,

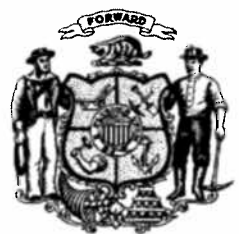
Here's a copy of the first
draft of the wind siting bill—
please do not share. There
will be a /2, but I wanted
you & your boss to have
an advanced copy as courtesy. Call
w/ any questions or input.

Thanks!

— (u)



WISCONSIN STATE LEGISLATURE



"Wind Isn't Free"

DVD

2009AB 256

Added to Un-Scannable Box

