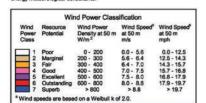
# Michigan 50-Meter Wind Resource Map Lake Superior Lake Huron Indian Reservation Grand Travers Lake Michigan



National Renewable Energy Laboratory

09-FEB-2005 6.1.1

This resource map shows wind speed estimates at 50 meters above the ground and depicts the resource that could be used for utility-scale wind development. As a renewable resource, wind is classified according to wind power classes, which are based on typical wind speeds. These classes range from Class 1 (the lowest) to Class 7 (the highest). In general, at 50 meters, wind power Class 4 or higher can be useful for generating wind power with large turbines. Class 4 and above are considered good resources. Particular locations in the Class 3 areas could have higher wind power class values at 80 meters than shown on the 50 meter map because of possible high wind shear. Given the advances in technology, a number of locations in the Class 3 areas may suitable for utility-scale wind development.

# Wind Energy Information Sources

### Michigan Wind Working Group

John Sarver, State of Michigan P.O. Box 30221 Lansing, MI 48909 (517) 241-6280 sarverj@michigan.gov www.michigan.gov/eorenew

### American Wind Energy Association

1101 14th St. NW, 12 Floor Washington, D.C. 20005 (202) 383-2500 windmail@awea.org www.awea.org

# National Renewable Energy Laboratory/National Wind Technology

#### Center

1617 Cole Blvd. Golden, CO 80401 (303) 275-4090 public\_affairs@nrel.gov www.nrel.gov/wind

# National Wind Coordinating Collaborative

c/o RESOLVE 1255 23rd St. NW, Ste. 275 Washington, D.C. 20037 Toll free: (888) 764-WIND (9463) nwcc@resolv.org www.nationalwind.org

## **Utility Wind Integration Group**

PO Box 2787 Reston, VA 20195 (865) 691-5540, ext. 141 sandy@uwig.org www.uwig.org

# WIND POWERING AMERICA

www.windpoweringamerica.gov

### Windustry

2105 First Ave. South Minneapolis, MN 55404 Toll-free: (800) 946-3640 info@windustry.org www.windustry.org

Photo: A Vestas wind turbine in Traverse City, Michigan. Traverse City Light & Power offers "Green Rates" for residential and business customers who purchase electricity generated from the wind turbine. The wind turbine is one of the largest in Michigan and produces around 800,000 kilowatt hours of clean energy every year. PIX13734