

The logo for Consumers Energy, featuring the company name in a white, italicized serif font inside a white, horizontal, oval-shaped swoosh.

Consumers Energy

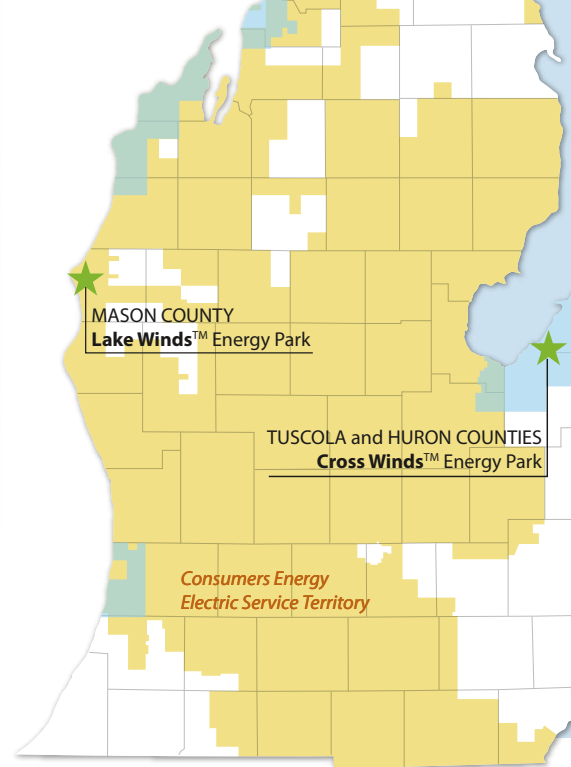
Harnessing a New Generation of Wind Power for Michigan

FACT SHEET





Quick Facts



LAKE WINDS™ ENERGY PARK
Location: Mason County
Electrical capacity: 100 megawatts
Footprint: More than 16,000 acres over roughly 30 square miles
Wind turbines: 56
Start of commercial operation: End of 2012

CROSS WINDS™ ENERGY PARK
Location: Tuscola and Huron counties
Electrical capacity: 350 megawatts
Footprint: More than 36,000 acres over roughly 150 square miles
Wind turbines: 140-230
Start of commercial operation: In two phases between the end of 2015 and 2017

Consumers Energy Renewable Energy Development

- In October 2008, Gov. Jennifer Granholm signed into law comprehensive energy legislation passed by the Michigan Legislature. The new law includes a Renewable Portfolio Standard (RPS) requiring Consumers Energy, and all other electric providers in Michigan, to increase the amount of renewable power supplied to customers to 10 percent in 2015.
- About 4 percent of Consumers Energy's power supply now comes from renewable sources, including hydroelectric, wind and biomass.
- Consumers Energy plans to build 450 megawatts of renewable energy capacity by the end of 2017 to meet the law's requirement.
- Consumers Energy will invest primarily in wind generation to expand its renewable energy supply. The utility has secured more than 75,000 acres of easements in Mason, Tuscola and Huron counties for future wind generation investment.
- Consumers Energy has located six meteorological towers in Mason County and four in Tuscola County to collect data about wind speed and direction, temperature and other information over a period of one to two years. That information will be used to help in the siting of wind turbines.
- Consumers Energy plans to complete construction of the 100-megawatt (MW) **Lake Winds™** Energy Park in Mason County by the end of 2012. The company expects to build the **Cross Winds™** Energy Park in Tuscola and Huron counties between 2015 and 2017.
- The designs for Consumers Energy wind farms will be in accordance with local zoning, permitting and building codes, as well as comply with all applicable federal, state and local requirements to protect human health and the environment.

Harvesting Wind Energy

- Consumers Energy plans to build 100 megawatts of wind generation for commercial operation in late 2012; 150 megawatts for commercial operation in late 2015; and 200 megawatts for commercial operation in late 2017.
- Consumers Energy has signed a contract with Vestas-American Wind Technology, Inc. to supply 56 V100-1.8 MW wind turbine generators for the utility's **Lake Winds™** Energy Park in Mason County.
- Later in 2010, Consumers Energy will select a Balance of Plant Engineering, Procurement and Construction (EPC) contractor for construction of the 100-megawatt **Lake Winds™** Energy Park in Mason County.
- The company expects to issue RFPs for the **Cross Winds™** Energy Park at a later date.



Schedule for building renewable power

Development	2009	2010	2011	2012	2013	2014	2015	2016	2017
BUILD		RFP for turbine supply and build construction for first 100 MW		100 MW			150 MW		200 MW



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