

Build It In



Michigan

“There are approximately 8,000 precision parts in every wind turbine and Michigan manufactures and assembles pieces and parts better than any other region in the world. The emergence of the global wind industry is a perfect fit for Michigan’s tried and tested engineering workforce.”

-James C. Epolito, President and CEO, Michigan Economic Development Corporation



NEXTENERGY
Economic Security through Energy Diversity

Michigan... The Smart Choice

There's no better state in which to design, manufacture, and assemble wind turbine components than Michigan. Michigan offers unmatched national leadership in the technology and manufacturing sectors, as well as an established network of suppliers, and plentiful incentives to meet your needs.

Expertise. Capacity. A legacy of entrepreneurial and manufacturing excellence. We offer state-of-the-art infrastructure and manufacturing efficiencies. Michigan provides a central distribution point and an established transportation hub for all of North America, with direct proximity to the rapidly growing Midwest and Canadian wind markets.

Manufacturing Prowess

A century of leadership in component design, engineering, manufacturing, automation, and assembly.

Ranked 4th in the nation for companies rated best equipped to manufacture wind power components (based on a REPP Study using NAICS codes).

Ranked 1st in the nation for R&D investment relative to GSP, and 2nd for total annual R&D investment (\$15.2 billion).

Existing Infrastructure

High-tech manufacturing facilities and a skilled workforce already in place, with established global supplier networks and manufacturing efficiencies.

Transportation hub with access to air, rail, trucking, and Great Lakes international shipping networks.

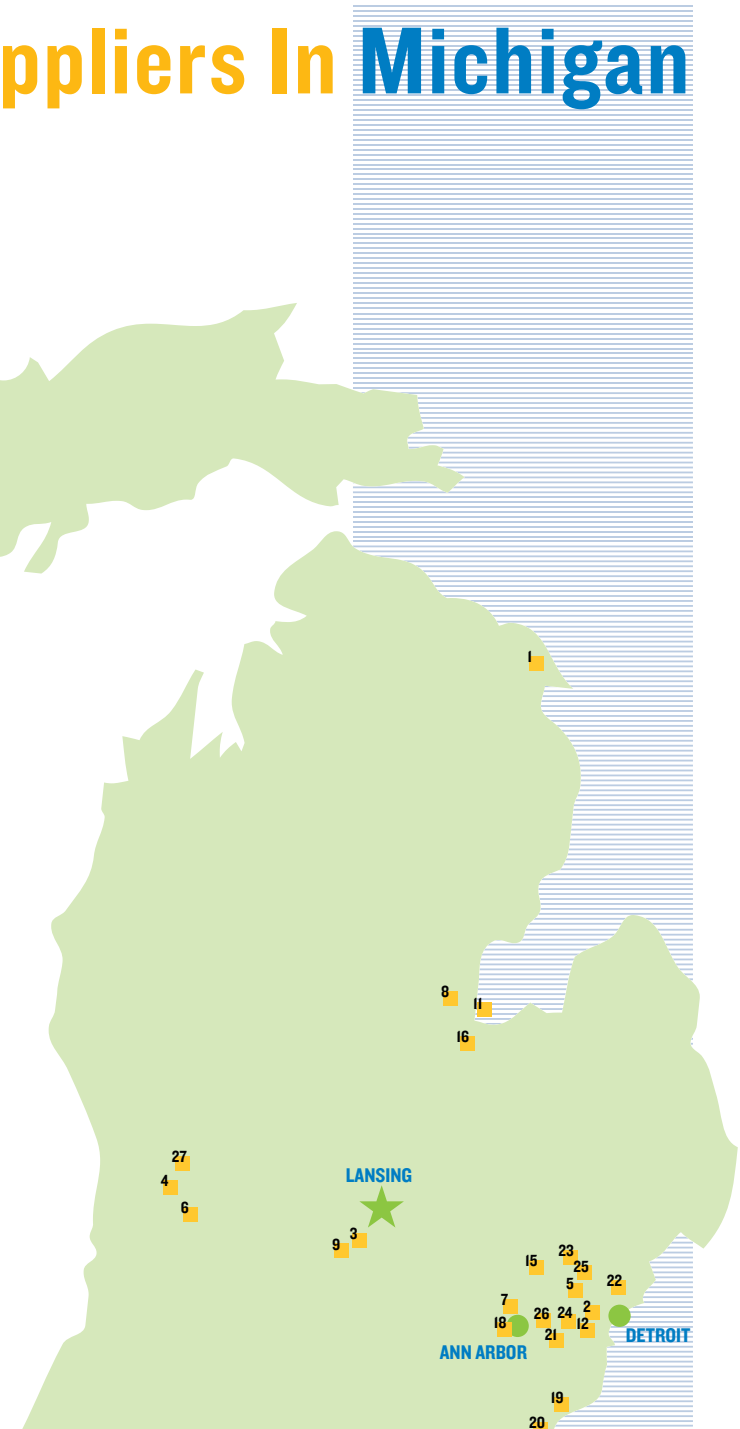
High-grade component development and manufacturing are what we do best.



Wind Industry Suppliers In Michigan

Suppliers Include

- 1 ATI Casting Service/ Allegheny Technologies – Castings
- 2 Applied Process – Castings
- 3 Axson North America – Blade Materials - Adhesives
- 4 Cascade Engineering – Manufacture Small Wind Turbines
- 5 Citation – Foundry
- 6 CMS North America – Machinery - Blades and CNC
- 7 Danotek Motion Technologies – Generators, Permanent Magnet
- 8 Dow – Blade Materials and Molds, Composites
- 9 Dowding Industries – Machining and Fabricating - Hubs and Rotors
- 10 Genzink Steel – Fabrication and Steel Processing - Generator Housings
- 11 Gougeon Brothers Inc. – Blade Materials, Composites
- 12 Great Lakes Gear Technologies, Inc. – Gear Box Machinery
- 13 K&M Machine Fabricating Inc. – Fabrication and Machining - Nacelle frames, rotor hubs, gearboxes, bearing blocks
- 14 Kaydon Bearings Division – Bearings
- 15 McHugh Composites – Composites Service Firm
- 16 Merrill Fabricators – Fabricator, Machining and Custom Equipment Builds
- 17 Nord-Lock – Tower Anchoring Systems
- 18 NSK Corporation – Bearings
- 19 Ort Tool & Die – Fabrication and Machining - Gear Box Housings
- 20 Owens Corning Composites System – Blade materials, composites
- 21 Ricardo Inc. – Engineering and system integration firm
- 22 RLE International – Engineering and system integration firm
- 23 Seeger-Orbis – Retaining Rings for Gear Boxes
- 24 SKF USA Inc. – Bearings
- 25 Three M Tool & Machinery – Machining - Gear Box Housings
- 26 Unimerco Inc. – Tooling for Blades, Base, Housings
- 27 Williams Form Engineering Corp. – Tower Anchors



Michigan's commitment to wind energy

"As a state we are uniquely positioned in so many ways. Our geography, our industry, and our history positions us to be the state that propels alternative energy technology, and develops wind energy as an industry. And we are committed to making it happen."

– Governor Jennifer Granholm

"As we expand production, and we are expanding rapidly, we've found that Michigan's brilliant engineers and expert machinists have adapted perfectly to wind component manufacturing."

– Sharon Medwid

President/CEO Three M Tool

"Michigan is poised to capitalize on the growing demand for wind energy. No state's workforce is better suited to manufacture and distribute the reliable, high quality components that the wind industry requires."

– Skip Pruss, Special Advisor to Michigan

Governor Jennifer Granholm on alternative energy and the environment

"K&M has leveraged our advanced engineering and manufacturing technologies acquired over decades in the mining and power generation industries into the wind power segment. Our \$20 million expansion reflects our optimism in this booming industry."

– Gary J. Galeziewski

Chief Financial Officer

K&M Machine-Fabricating, Inc

Michigan Economic Development Corporation

The MEDC is Michigan's economic development arm committed to supporting investment in next-generation technologies, specifically renewable energy and the wind industry.

NextEnergy

Michigan's alternative and renewable energy accelerator, established in 2002, is dedicated to bringing AET industry leadership to Michigan.

Wind Energy Working Group

The mission of this group is to advance the capacity and capabilities in the state of Michigan for designing, engineering, and manufacturing wind systems. The group connects wind system developers with over 150 Michigan wind supply chain manufacturers.

Michigan's RPS

With strong support from the Governor and state economic leaders, legislation is now moving rapidly to establish Michigan's renewable energy portfolio standards.



For more information contact:

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