In Wisconsin, we offer unparalleled advantages that are uniquely suited to the energy, power and controls sector.

**Workforce.** We deliver the second-highest concentration of experienced manufacturing workers in the U.S., often three to four times higher in critical industry sectors than competing states.

**Central location.** From the center of the U.S., we offer quick access to markets throughout North America. Chicago and its O’Hare Airport are less than an hour from our border. And our well-developed logistics sector moves your goods to market efficiently via rail, road, air or water.

**Academic excellence.** We push the boundaries of theoretical and applied science—and prepare talent for the future. At more than $1.3 billion annually, our flagship University of Wisconsin-Madison ranks #8 in the U.S. for research spending; the University of Wisconsin System awards more than 41,000 degrees annually.

**Low risk of natural disaster.** We offer remarkably low risk for every imaginable type of disaster, from earthquakes and wildfires to climate threats like heat waves, tornadoes and hurricanes.

**Fiscal responsibility.** From our fully funded state pension system—one of only two in the U.S.—to our extraordinary credit rating, we offer a politically stable, low-tax, low-regulation, business-welcoming environment.

Discover why global leaders in vital sectors—advanced manufacturing; energy, power and controls; water technology; food and beverage; and biohealth—are choosing Wisconsin as their entry point into North American markets.
Wisconsin is well known for its industrious, Midwestern work ethic, and its educational system is universally admired. With a high school graduation rate consistently ranked among the top in the nation, Wisconsin offers a steady pipeline of talent to keep our state at the forefront of innovation and economic growth.

The University of Wisconsin System is regularly cited as a leader in terms of quality and reach, with established leadership in research and talent development. Wisconsin’s public and private universities and colleges support the partnerships, companies and policymakers throughout the state that are working to develop new, innovative products to fulfill market needs. And as the first state in the nation to develop a technical college system, Wisconsin has more than 100 years’ experience training its workforce to fulfill ever-changing industry demands.

ENERGY, POWER AND CONTROLS EMPLOYMENT CONCENTRATION

Wisconsin is the home of catalytic research, training and technology, with more than 165 faculty scientists working across disciplines to solve large-scale energy challenges.

Our 16 technical colleges and 35 universities, with a combined total of 98 campus locations around the state, prepare students to make strong contributions to Wisconsin’s economy—and the leaders who hire them.
Wisconsin is generating new ideas, advanced applications and energy efficiency technologies to power the world. We are a global center for energy, power and controls—uniquely leveraging market-leading industrial capabilities, advanced academic research and specialized institutions. Electrical machinery and control manufacturing is one of Wisconsin’s fastest-growing and most competitive industrial sectors, and companies in this sector are committed to addressing the world’s energy challenges by continuously adapting to new market demand and opportunities.

**ENERGY** — grid modernization, conservation, fossil fuels, nuclear, renewables and storage

**POWER** — power controls and sensors, transmission, distribution, monitoring, efficiency and quality

**CONTROLS** — automation and systems intelligence for industrial and building applications, energy management, SMART grid/distributed energy, wind and solar control

Wisconsin’s energy, power and controls sector gets connected through the **Mid-west Energy Research Consortium (M-WERC)**, a membership organization that brings together public and private stakeholders to solve the industry’s toughest research problems, provide market insights and foster talent development.
In Wisconsin, we are defined by our collaborative approach. Companies collaborate with academic partners and one another—as well as public-sector and nonprofit partners—to advance innovation and develop the next generation of talent. By locating in Wisconsin, your company will benefit from:

- The **Great Lakes Bioenergy Research Center**, one of four bioenergy research centers of excellence established by the U.S. Department of Energy to research and develop efficient, sustainable biofuels and bioproducts made from dedicated energy products grown on marginal land.

- The **Power Systems Engineering Research Center**, a hotbed of electrical transmission and distribution research (with UW-Madison as a founding member).

- The **Wisconsin Electric Machines and Power Consortium** at UW-Madison, where with more than 70 corporate sponsors, the consortium’s team of professors, graduate students and international scholars works together to research and develop the newest technologies and techniques in electric machines, power electronics, actuators, sensors, drives, motion control and drive applications.

- The **Energy Advancement Center**, a collaboration between Johnson Controls and UW-Milwaukee that focuses on cutting-edge research for new technologies in energy storage and auto battery technology.

- The **Center for Sustainable Electrical Energy Systems**, which is developing methods to make electric power systems more sustainable, cost-effective and secure.

- The **Cyber-physical Energy Systems Lab**, which aims to build valid models capable of reflecting the true interactions between the cyber and physical portions of integrated systems, as applied to the smart grid, microgrid, energy-efficient buildings, water and natural gas distribution networks; intelligent and sustainable transportation; health care systems and smart manufacturing.

- The National Science Foundation–funded **Grid-connected Advanced Power Electronic Systems (GRAPES) Industry/University Cooperative Research Center**, whose goal is to accelerate the adoption and insertion of power electronics into the grid, making power systems more sustainable, cost-effective and secure.

- **Argonne National Laboratory**, a U.S. Department of Energy multidisciplinary science and engineering research center located within easy driving access (just over an hour from Wisconsin’s border).

Wisconsin provides the ideal business environment and all the necessary elements you need to grow your business: talent, technology, supply chain, location and infrastructure. Visit InWisconsin.com to learn more.