

# Build your solar business in Ohio

## Accelerate your time to market by partnering with Ohio's global manufacturing leaders in solar energy.

Ohio is the premier location in the U.S. to develop a solar energy business. Ohio's supportive business environment and significant government initiatives are helping companies research, develop and commercialize cutting-edge technology in the solar energy industry. Through the help of programs such as the Wright Center for Photovoltaics Innovation and Commercialization, Ohio is an ideal location for companies dedicated to delivering energy alternatives to the world.

Ohio is a unique place where world-class research, photovoltaic and thin-film expertise, manufacturing heritage, instruments controls, electronics, supply-chain resources and logistics come together to create the perfect location for this growing industry.



## Choose Ohio and experience the benefits to your solar business.

**Minimize business risk with Ohio's public-private commitment to global leadership in advanced energy.** Ohio's government leaders signed into law an Advanced Energy Portfolio Standard (AEPS) that requires at least 25 percent of new electricity sold in Ohio to be generated from advanced energy technology by 2025 – with a minimum of 12.5 percent from renewable energy resources. The Ohio Energy Office also provides technical and financial incentives to qualified entities wishing to establish large- and small scale solar energy parks or systems in Ohio.

**Accelerate innovation by tapping into outstanding technology developed in Ohio.** Ohio's manufacturers, research institutions and universities provide limitless partnership opportunities for the development of innovative solar technology. Solar research is conducted at universities across the state – including Bowling Green State University, the Ohio State University, the University of Toledo and the University of Cincinnati – and at world-renowned organizations such as the Wright Center for Photovoltaics Innovation and Commercialization.

**Reduce costs through easy access to solar supply chain partners and profitable markets.** Ohio is within 1,000 kilometers of all major U.S. and Canadian manufacturing locations and is home to two ports, river, rail and interstate highways linking all North American and global markets.

**Optimize production by leveraging Ohio's world-class advanced manufacturing excellence.** Ohio's well-developed manufacturing infrastructure has proven capability. Many of these manufacturing processes are ideal for increased manufacturing of components for solar energy systems and other forms of advanced energy. Ohio's polymer and composites industries are particularly well suited to manufacture parts for solar technology.

**Maximize productivity, quality and profits with Ohio's skilled workforce.** Ohio has a dedicated cluster of more than 60,000 specialized workers supporting the state's advanced energy industry. Ohio's total workforce of 5.9 million, among the largest in the nation, includes skilled talent in a labor pool of 775,000 manufacturing workers ready to grow your advanced energy business.

**Attract and retain the best talent for your company.** In Ohio, your employees can achieve a perfect balance between their professional and personal lives. This helps increase both job satisfaction and commitment, allowing you to reduce employee turnover cost while attracting bright new talent to your workforce.

[www.ohiomeansbusiness.com](http://www.ohiomeansbusiness.com)



**The State of Perfect Balance**

## **Leverage Ohio's extensive supply center for the U.S. solar industry.**

From solar installers to instrument controls, and from self-cleaning solar glass to DC-AC inverters, Ohio's manufacturing, technology and research centers offer a robust supply center for the solar industry. Leading businesses include:

- Advanced Distributed Generation
- Allen Bradley
- Battelle Memorial Institute
- Blue Chip Solar & Wind
- Cornerstone Research Group
- Dovetail Solar & Wind
- DuPont Electronic Technologies
- Emerson Liebert - DC-AC inverters
- First Solar, Inc.
- IBC Solar
- Innovative Thin Films, LLC
- Lake Shore Cryotronics, Inc.
- MetaMateria Partners, LLC
- OTB USA, Inc.
- Owens Corning
- Parker Hannifin
- Pilkington North America
- Solar Fields, LLC
- Third Sun Solar and Wind Power
- Vanner
- Xunlight Corporation

Ohio universities are leading the way in innovative research and technology in the solar industry. Current projects include:

### **University of Toledo, the Ohio State University, and Bowling Green University**

- Photovoltaics Innovation and Commercialization (PVIC) initiative
- Thin-film solar modules

### **University of Cincinnati**

- Solar House project – green building

### **The Ohio State University**

- Nanoparticle/nanowire composites and “nanotree” arrays design as electrodes for efficient, low-cost dye-sensitized solar cells
- Energy Storage Lab (ESL) at Center for Automotive Research (CAR)
- Nationwide and Ohio Farm Bureau 4-H Center – green building on campus for education

## **Locate your solar energy business in Ohio, a place where you can achieve a state of perfect balance in business and personal endeavors.**

Companies in Ohio also enjoy the bottom line benefits that come from better employee work-life balance. Ohio offers low-cost, low-stress communities and a unique tapestry of micropolitan and metropolitan cities. This diversity provides executives and employees the resources and time to make any ambition achievable.

To learn more about Ohio's many outstanding companies participating in the solar industry, or about establishing or expanding operations in Ohio:

**Please call 1-877-466-4551**  
**Or visit us at:**  
**[www.ohiomeansbusiness.com](http://www.ohiomeansbusiness.com)**

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