



Solar Energy In Ohio

Ohio Renewable Energy Facts

- Ohio has the third most aggressive renewable energy policy in the U.S.
- Ohio is within 600 miles of seven states that require solar set asides representing 4,000 megawatts of solar generation.
- Every day three to four kilowatts hours per square meter of solar energy falls on Ohio.
- Ohio is home to over 115 businesses and research institutions involved in the solar energy supply chain.
- First Solar, founded and manufactures in Perrysburg, is the fourth largest producer of solar photovoltaic panels in the world.

Solar Industry Presence in Wyandot County

Wyandot Solar LLC	10.08 MW Generation Facility
Guardian Industrial Glass	Solar Energy “Ultra Clear” Glass Supplier
National Lime and Stone	Mining Industrial Minerals

Northwest Ohio is home to First Solar, one of the largest thin-film solar manufacturing plants in the U.S., and two rising firms, Willard & Kelsey and Xunlight, with plans to create hundreds of jobs this year and possibly more in the near future. Wyandot County Ohio is centrally located in this region rapidly making strides to become the solar industry capital of the U.S.

Senate Bill 221

Ohio Senate Bill 221 developed policy encouraging the development and implementation of advanced and renewable energy projects in Ohio. Key energy requirements outlined in SB 221 include Alternative Energy Portfolio Standard, Energy Efficiency Standards, Solar Ready Schools, and Green House Gas Emission Reporting Requirements.

Advanced Energy Portfolio Standard

- Requires 25% of all kilowatt-hours produced by electric distribution companies must be generated from alternative energy resources by the year 2025.
- Alternative energy resources include both advanced energy resources and renewable energy resources.
- Of the required 25%, half or 12.5% of that alternative energy requirement must be generated from renewable energy resources.
- An In-State Requirement stipulates that of the 12.5% renewable energy generated, one-half of that energy must originate from facilities physically located in Ohio.
- Compliance with the Advanced Energy Portfolio Standard will be monitored by the Public Utilities Commission of Ohio (PUCO).

Solar Ready Schools

Requires the Ohio School Facilities Commission to adopt and administer rules pertaining to standards for solar ready equipment in school buildings. The rules should include standards regarding:

- Roof space limitations
- Shading and obstruction
- Building orientation
- Roof loading capacity
- Electric systems

In the event good cause can be justified, the school district may request a waiver from the Ohio Schools Facility Commission.