



OHIO

ENTERING 2025: NEW INVESTMENTS IN SOLAR AND EV MANUFACTURING ARE TURBOCHARGING OHIO'S ECONOMY

Since new clean energy investments were passed in 2022, America's clean energy sector has kicked into high gear, transforming Ohio into a solar and electric vehicle battery manufacturing powerhouse. Across the state, climate and clean energy investments have already spurred **\$10.48 billion** in investment and created or moved forward **14,304** good-paying clean energy jobs, ranking **12th** in the country. Since the clean energy plan's passage, **32** new clean energy projects have been announced or moved forward in Ohio, ranking **sixth** in the nation. Projects span six sectors – electric vehicles, batteries, solar, wind, grid and transmission, and clean technologies.

In Ohio's disadvantaged communities, companies have announced **\$8.17 billion** in investment and the creation of **11,419** good-paying clean energy jobs, while Ohio's rural communities have seen project announcements totaling **\$1.1 billion** in investment and **3,163** jobs. The clean energy plan will continue to accelerate the clean energy jobs boom while lowering energy costs for families, investing in disadvantaged communities, and reducing climate pollution across the state.

CLEAN ENERGY PROJECTS IN OHIO SINCE THE PASSAGE OF THE CLEAN ENERGY PLAN			
\$10.48 B			14,304
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			JOBS IN OHIO
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
STAR CHARGE EV CHARGER MANUFACTURING FACILITY	COLUMBUS	-	-
HONDA PLANT UPGRADES FOR EV PRODUCTION	MARYSVILLE, EAST LIBERTY, AND ANNA	\$700 MILLION	300 JOBS
EDGE ENERGY EV CHARGING FACILITY EXPANSION	CINCINNATI	\$150 MILLION	60 JOBS
GKN SINTER METALS EXPANSION PROJECT	GALLIPOLIS	-	50 JOBS
CAPCHEM LITHIUM-ION ELECTROLYTE MANUFACTURING FACILITY	HANGING ROCK	\$120 MILLION	60 JOBS
VEHTEK SYSTEMS EV DOOR MANUFACTURING FACILITY	BOWLING GREEN	-	120 JOBS

SCHAEFFLER EV MANUFACTURING FACILITY	DOVER	\$230 MILLION	650 JOBS
JSW STEEL MINGO JUNCTION EXPANSION	MINGO JUNCTION	\$101.5 MILLION	26 JOBS
NTH CYCLE BATTERY MATERIALS RECYCLING FACILITY	FAIRFIELD	\$30 MILLION	-
MEAN GREEN EV ASSEMBLY PLANT	HAMILTON	-	30 JOBS
FIRST SOLAR JIM NOLAN CENTER FOR SOLAR INNOVATION	PERRYSBURG	\$450 MILLION	300 JOBS
FIRST SOLAR OHIO FACTORY EXPANSIONS	PERRYSBURG	\$185 MILLION	100 JOBS
NSG GROUP SOLAR GLASS PRODUCTION LINE	ROSSFORD	-	20 JOBS
GM TOLEDO EV PRODUCTION	TOLEDO	\$760 MILLION	-
MOBIS US ELECTRIFIED POWERTRAIN MANUFACTURING FACILITY	TOLEDO	\$13.8 MILLION	185 JOBS
GEM CITY SOLAR PROJECT	DAYTON	\$70 MILLION	200 JOBS
JOBY PRODUCTION FACILITY	DAYTON	\$500 MILLION	2,000 JOBS
FUYAO GLASS AMERICA MORAINES EXPANSION	MORAINES	\$300 MILLION	500 JOBS
WESTRAFO OHIO VOLTAGE TRANSFORMERS MANUFACTURING FACILITY	TROTWOOD	\$15 MILLION	230 JOBS
CIRBA LITHIUM-ION RECYCLING FACILITY	LANCASTER	\$107.5 MILLION	150 JOBS
ILLUMINATE USA SOLAR FACTORY	PATASKALA	\$600 MILLION	1,150 JOBS
GRAPHITE ONE ANODE MATERIAL MANUFACTURING PLANT	NILES	\$435 MILLION	160 JOBS
FOXCONN GIGAFACTORY OHIO	WARREN	\$170 MILLION	-
HONDA & LG BATTERY FACTORY	JEFFERSONVILLE	\$4.4 BILLION	4,400 JOBS
OAK RUN SOLAR PROJECT	PLUMWOOD	\$1 BILLION	3,063 JOBS
TOAGOSEI AMERICA ACRYLIC POLYMER MANUFACTURING FACILITY	WEST JEFFERSON	\$105 MILLION	50 JOBS



FORSEE POWER EV BATTERIES RESEARCH, DEVELOPMENT, AND MANUFACTURING FACILITY	HILLARD	\$13 MILLION	150 JOBS
LI INDUSTRIES BATTERY MANUFACTURING FACILITY	KETTERING	-	165 JOBS
PEGASUS SPECIALITY VEHICLES MANUFACTURING FACILITY	LIMA	\$30 MILLION	60 JOBS
FLEXRACK NORTH JACKSON WAREHOUSE	NORTH JACKSON	-	30 JOBS
NARAE NANOTECH LITHIUM-ION BATTERY COMPONENT FINISHING FACILITY	HEBRON	-	50 JOBS
SOLAR FLEXRACK HEADQUARTERS	HIGHLAND HILLS	-	45 JOBS

SOURCE: CLIMATE POWER, CLEAN ENERGY BOOM REPORT, JANUARY 2025

CLEAN ENERGY PROJECTS IN OHIO BY SECTOR						
SECTOR	PROJECTS		JOBS		INVESTMENTS	
	#	%	#	%	#	%
BATTERIES	11	34.4%	5,370	37.5%	\$5.4 BILLION	51.4%
CLEAN TECHNOLOGY	2	6.3%	2,030	14.2%	\$500 MILLION	4.8%
ELECTRIC VEHICLES	9	28.1%	1,740	12.2%	\$2.17 BILLION	20.7%
GRID & TRANSMISSION	1	3.1%	230	1.6%	\$15 MILLION	0.14%
WIND	1	3.1%	26	0.2%	\$101.5 MILLION	0.97%
SOLAR	8	25%	4,908	34.3%	\$2.3 BILLION	21.98%

SOURCE: CLIMATE POWER, CLEAN ENERGY BOOM REPORT, JANUARY 2025

SPOTLIGHT: OHIO CLEAN ENERGY PROJECTS

Since the passage of the clean energy plan, clean energy projects in Ohio have created jobs and invested in the state's clean energy economy:



- Ohio's EV economy continues to grow thanks to the clean energy plan. [Honda and LG Energy Solutions announced a \\$4.4 billion investment](#) in an EV battery plant project in Fayette County, the largest direct private investment in Ohio's history, creating 2,200 jobs. In February 2024, Schaeffler announced it would open a new facility in Dover that was expected to [create 650 jobs](#) manufacturing electric car axels. Schaeffler expects the facility to benefit from the clean energy plan's incentives. In July 2024, Mobis North America received a \$32.6 million grant, [funded by the clean energy plan](#), to convert its Toledo manufacturing facilities to produce [plug-in hybrid vehicles](#). Mobis planned to use part of the funding to construct a new battery system assembly plant in Toledo, and the company [pledged to work](#) with local educational institutions and the United Auto Workers (UAW) Local 12 to create worker training pipelines.
- Ohio is also seeing massive new investments in solar manufacturing. In March 2023, [Invenergy announced a \\$600 million investment](#) to build one of the largest solar power manufacturing facilities in the U.S. in Pataskala, creating 850 good-paying jobs and further establishing Ohio as a solar manufacturing hub. And, in August 2022, First Solar announced plans to expand its manufacturing facilities in the state, which was expected to create at least [100 new manufacturing jobs](#). In a statement, [First Solar's CEO said the clean energy plan](#) "entrusted [the clean energy industry] with the responsibility of enabling America's clean energy future, and we must meet the moment."

SPOTLIGHT: CLEAN ENERGY JOBS IN GOP DISTRICTS

Since the passage of the clean energy plan, new clean energy projects have brought jobs and investments to Ohio districts represented by Republican members of the House:

- 23 of Ohio's total 32 new clean energy projects are in Republican-held districts, representing 72% of all projects in the state, 78% of all new investments (\$8.2 billion), and 93% of all new jobs (13,294).
- **Ohio's 2nd Congressional District:** Rep. David Taylor represents Ohio's 2nd Congressional district, where two new clean energy projects invest \$120 million and create 110 new jobs.
- **Ohio's 4th Congressional District:** Rep. Jim Jordan represents Ohio's 4th Congressional district, where one new clean energy project invests \$30 million and creates 60 new jobs. Rep. Jordan [voted against](#) the clean energy plan and [voted](#) to repeal it. Rep. Jordan [blamed](#) the clean energy plan for rising gas prices, and [claimed](#) it "only made inflation worse."
- **Ohio's 5th Congressional District:** Rep. Robert Latta represents Ohio's 5th Congressional District, where one new clean energy project is expected to create 120 new jobs. Rep. Latta [voted against](#) the clean energy plan, saying the bill [promotes irresponsible spending on Green New Deal carve-outs](#).
- **Ohio's 6th Congressional District:** Rep. Michael Rulli represents Ohio's 6th Congressional district, where three new clean energy projects invest \$331.5 million and create 706 new jobs. Rep. Rulli [claimed](#) the clean energy plan "made inflation worse."



- **Ohio's 8th Congressional District:** Rep. Warren Davidson represents Ohio's 8th Congressional District, where two new clean energy projects invest \$30 million and create 30 jobs. Rep. Davidson **voted against** the clean energy plan and **argued that it would not alleviate inflation**.
- **Ohio's 10th Congressional District:** Rep. Michael Turner represents Ohio's 10th Congressional District, which has five new projects creating an expected 3,095 jobs and driving \$885 million in investment. Rep. Turner **voted against** the clean energy plan, **calling** the bill “needless spending.”
- **Ohio's 12th Congressional District:** Represented by Rep. Troy Balderson, this district has three new clean energy projects that invest \$707.5 million and expects to create 1,350 new jobs. Rep. Balderson **voted against** the clean energy plan and **falsely claimed** that it causes higher prices, energy insecurity, and tax hikes for Ohioans.
- **Ohio's 14th Congressional District:** Rep. David Joyce represents Ohio's 14th Congressional District, where two new clean energy projects are expected to invest \$605 million and create 160 jobs. Despite **voting against** the clean energy plan and claiming it would **make his constituents' lives worse**, Joyce **praised** a \$170 million EV investment in his district for helping “restore the legacy of the American worker.”
- **Ohio's 15th Congressional District:** Rep. Mike Carey represents Ohio's 15th Congressional District, where four new clean energy projects are expected to invest \$5.5 billion and create 7,663 new jobs. Nationwide, OH-15 ranks 10th for the number of jobs and 14th for the largest investment. Rep. Carey **voted against** the clean energy plan and **claimed it would fund** the Green New Deal, yet he **celebrated** a \$4.4 billion investment in EV manufacturing bringing 2,200 jobs to his district.

SPOTLIGHT: CLEAN ENERGY JOBS IN OHIO'S DISADVANTAGED COMMUNITIES

Since the passage of the clean energy plan, new clean energy projects have spurred economic growth in Ohio's disadvantaged communities:

- 79.8% of new clean energy jobs (11,419), 77.9% of new investments (\$8.2 billion), and 65.6% of projects (21) in Ohio are located in disadvantaged communities.
- Nationwide, Ohio ranks fifth for the highest number of new clean energy jobs (11,419) and sixth for clean energy investments (\$8.2 billion) in disadvantaged communities.
- In February 2023, EdgeEnergy, an EV charger power converter manufacturer and member of the White House Infrastructure Talent Pipeline Challenge, announced **a \$150 million investment** to expand its manufacturing operation in Cincinnati. The expansion is expected to **create 60 new manufacturing and engineering jobs**.
- In October 2022, Cirba Solutions announced a planned \$107 million investment to expand its **Lancaster lithium-ion processing facility**. The company also received a \$74 million Bipartisan Infrastructure Law-funded grant to support the expansion, which is expected to create **150 jobs**. The company's CEO cited the clean energy plan's **electrification goals** when discussing plans to expand the plant.



- In December 2023, Mobis announced that it would invest **\$13.8 million** to assemble battery systems for electric and plug-in hybrid electric vehicles in Toledo. The facility is expected to create **185 manufacturing jobs**.
- In July 2024, American Autoparts received a **\$32.6 million grant** from the clean energy plan to convert its Toledo factory to manufacture plug-in electric hybrid vehicles. The conversion was expected to create **38 new unionized jobs** and allow the company to retain 345 existing workers at the facility. American Autoparts **pledged** to work with local educational institutions and the UAW Local 12 to create worker training pipelines.

SPOTLIGHT: CLEAN ENERGY JOBS IN RURAL OHIO

Since the passage of the clean energy plan, new clean energy projects have spurred economic growth in Ohio's rural communities:

- 22.1% of new clean energy jobs (3,163), 10.5% of new investments (\$1.1 billion), and 9.4% of projects (three) in Ohio are located in rural communities.
- In April 2024, Toagosei **invested \$105 million** to open a manufacturing facility in West Jefferson. Toagosei's facility will manufacture acrylic polymers for EV batteries and expects to **generate \$3 million in new annual payroll**. West Jefferson is located in Madison County, which is 66.16% rural.
- In April 2024, GKN Sinter **announced it would expand** its Gallipolis manufacturing facility, creating 50 new jobs manufacturing gear systems for EVs. Gallipolis is 80.37% rural.
- In March 2024, the Oak Run solar project was approved by the Ohio Power Siting Board. Once operational in 2025, the project expects to **create 3,000 construction jobs and 63 permanent positions** in Plumwood. Over its operating life, Oak Run will also **generate \$252 million in new tax revenue**. Plumwood is located in Madison County, which is 66.16% rural.

