




OHIO

THE CLEAN ENERGY PLAN IS TURBOCHARGING OHIO'S ECONOMY, POSITIONING IT AS A SOLAR & EV MANUFACTURING POWERHOUSE

Passing the clean energy plan has kicked America's clean energy sector 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 \$8.8 billion in investment and created or moved forward 8,612 good-paying clean energy jobs. Since the clean energy plan's passage, 21 new clean energy projects have been announced or moved forward in Ohio, ranking eighth in the nation. Projects span four sectors – electric vehicles, batteries, solar, and clean technologies. In Ohio's low-income communities, companies have announced \$6.22 billion in investment and the creation of 4,742 good-paying clean energy 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 | | | |
|--|----------------|---|---------------------------------|
| \$8.8 B INVESTMENTS IN NEW CLEAN ENERGY PROJECTS | |  | 8,612 JOBS IN OHIO |
| PROJECT | LOCATION | \$ INVESTED | JOBS CREATED |
| EDGE ENERGY EV CHARGING FACILITY EXPANSION | CINCINNATI | \$150 MILLION | 60 JOBS |
| CAPCHEM LITHIUM-ION ELECTROLYTE MANUFACTURING FACILITY | HANGING ROCK | \$120 MILLION | 60 JOBS |
| CIRBA LITHIUM-ION RECYCLING FACILITY | LANCASTER | \$182 MILLION | 150 JOBS |
| FIRST SOLAR PANEL FACTORY | PERRYSBURG | \$680 MILLION | 1,200 JOBS |
| FIRST SOLAR PV R&D INNOVATION CENTER | PERRYSBURG | \$270 MILLION | 100 JOBS |
| FOXCONN GIGAFACTORY | WARREN | \$170 MILLION | - |
| GM TOLEDO EV PRODUCTION FACILITY | TOLEDO | \$760 MILLION | - |
| HONDA & LG BATTERY FACTORY | FAYETTE COUNTY | \$4.4 BILLION | 2,200 JOBS |

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|--|------------------------------------|----------------|------------|
| HONDA PLANT UPGRADES FOR EV PRODUCTION | MARYSVILLE, EAST LIBERTY, AND ANNA | \$700 MILLION | 300 JOBS |
| ILLUMINATE USA SOLAR FACTORY | PATASKALA | \$600 MILLION | 1,000 JOBS |
| SOLAR FLEXRACK LLC HIGHLAND HILLS MANUFACTURING FACILITY | HIGHLAND HILLS | - | 45 JOBS |
| TOLEDO SOLAR MANUFACTURING FACILITY EXPANSION | PERRYSBURG | - | 250 JOBS |
| NTH CYCLE BATTERY MATERIALS RECYCLING FACILITY | FAIRFIELD | \$30 MILLION | - |
| MEAN GREEN EV ASSEMBLY PLANT | HAMILTON | - | 42 JOBS |
| GEM CITY SOLAR PROJECT | WEST DAYTON | \$70 MILLION | 200 JOBS |
| MOBIS US ELECTRIFIED POWERTRAIN MANUFACTURING FACILITY | TOLEDO | \$13.8 MILLION | 185 JOBS |
| NSG GROUP SOLAR GLASS PRODUCTION LINE | ROSSFORD | - | 20 JOBS |
| JOBY PRODUCTION FACILITY | DAYTON | \$500 MILLION | 2000 JOBS |
| ILLUMINATE USA SOLAR PANEL PLANT EXPANSION | PATASKALA | - | 150 JOBS |
| STAR CHARGE EV CHARGER MANUFACTURING FACILITY | COLUMBUS | - | - |
| SCHAEFFLER EV MANUFACTURING FACILITY | DOVER | \$250 MILLION | 650 JOBS |

SOURCE: CLIMATE POWER, STATE OF THE CLEAN ENERGY BOOM REPORT, MARCH 2024

SPOTLIGHT: OHIO CLEAN ENERGY PROJECTS

Since the passage of the clean energy plan, clean energy projects in Ohio have moved forward, creating jobs and investing in the state’s clean energy economy:

- Ohio’s EV economy continues to grow. [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. President Biden said the facility, which will create 2,200 jobs, was an example of the economic benefits of the clean energy plan and [“another win for America and another win for Ohio.”](#) 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. And, in February 2024, Schaeffler announced it would invest \$250 million to open an electric mobility manufacturing facility in Dover. The facility will create 650 jobs. Schaeffler is reviewing how the facility can benefit from the clean energy plan because it improves the domestic EV supply chain and will support the local workforce.

- Battery companies are also investing in Ohio. In June 2023, Nth Cycle announced plans to invest \$30 million in a new battery recycling facility in Fairfield to produce hydroxide, a key input for EV batteries. 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, creating 185 manufacturing jobs.
- Ohio is seeing massive new investments in solar manufacturing thanks to the clean energy plan. First Solar announced a \$680 million investment to expand manufacturing in Ohio, creating at least 850 new manufacturing jobs statewide. In a statement, First Solar's CEO said the clean energy plan has "entrusted [the clean energy industry] with the responsibility of enabling America's clean energy future, and we must meet the moment." 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.

SPOTLIGHT: CLEAN ENERGY JOBS IN OHIO'S LOW-INCOME COMMUNITIES

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

- 55% of new clean energy jobs, 70.1% of new investments, and 47.6% of projects in Ohio are located in low-income communities.
- Nationwide, Ohio ranks 7th for the highest number of new clean energy jobs (4,742) and 6th for clean energy investments (\$6.22 billion) in low-income 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.
- In October 2022, Cirba Solutions shared plans to spend \$107 million to expand its Lancaster lithium-ion processing facility. The company also received a \$74 million Bipartisan Infrastructure Law-funded grant from the Department of Energy to support the expansion. The company's CEO cited the clean energy plan's electrification goals when discussing plans to expand the plant. The expansion will create 150 jobs.
- 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 will create 185 manufacturing jobs.

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:

- 12 of Ohio's total 21 new clean energy projects are in Republican-held districts, representing 57.1% of all projects in the state, 77.8% of all new investments (\$6.85 billion), and 71.55% of all new jobs (6,162.)
- **Ohio's 2nd Congressional District:** Rep. Brad Wenstrup represents Ohio's 2nd Congressional district, where two new clean energy projects invest \$270 million and create 120 new jobs. Rep. Wenstrup **voted against** the clean energy plan.
- **Ohio's 4th Congressional District:** Represented by Rep. Jim Jordan, this district has one new clean energy project that invests \$700 million and creates 300 jobs. Rep. Jordan **voted against** the clean energy plan and **claimed that Democrats voted for the bill to raise taxes.**
- **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 42 new 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 two new projects creating 2,200 jobs and driving \$570 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 \$708.5 million and create 1,300 new jobs. Rep. Balderson **voted against** the clean energy plan and **falsely claimed that it causes higher prices, energy insecurity, and tax hikes on Ohioans.**
- **Ohio's 14th Congressional District:** Rep. David Joyce represents Ohio's 14th Congressional District, where one new clean energy project invests \$170 million. Rep. Joyce **voted against** the clean energy plan and claimed it would **make his constituents' lives worse.**
- **Ohio's 15th Congressional District:** Rep. Mike Carey represents Ohio's 15th Congressional District, where one new clean energy project invests \$4.4 billion and creates 2,200 new jobs. Re., Carey **voted against** the clean energy plan and **claimed it would fund** the Green New Deal.

SNAPSHOT: OHIO'S CLEAN ENERGY ECONOMY

Overall, Ohio's clean energy economy is booming with over 114,000 jobs across the state as of 2023, including jobs in renewable electricity generation, energy storage, energy efficiency, and clean vehicles. As the largest U.S. investment in clean energy and climate in history, the clean energy plan will continue to reshape and recharge our economy for many decades to come. The Made in America clean energy boom is just getting started.



2022: CLEAN ENERGY JOBS IN OHIO

114,395

TOTAL CLEAN ENERGY JOBS
(2022)



4.6%

GROWTH RATE
(2021-2022)

