



# MICHIGAN

TWO YEARS OF THE CLEAN ENERGY PLAN: MICHIGAN RANKS FIRST IN THE NATION FOR NEW CLEAN ENERGY PROJECTS OVERALL, BECOMING A SOLAR & EV BATTERY MANUFACTURING POWERHOUSE

Two years after the passage of the clean energy plan, America’s clean energy sector has kicked into high gear, transforming Michigan into a solar and electric vehicle battery manufacturing powerhouse. Across the state, new clean energy projects have already spurred **\$26.6 billion** in investment, the second highest in the nation, and created or moved forward **21,748** good-paying clean energy jobs, the fourth most in the country. Since the clean energy plan’s passage, **62** new clean energy projects have been announced or moved forward in Michigan, the most across any state in the nation. Projects span five sectors – solar, electric vehicles, batteries, hydrogen, and other clean technologies.

In Michigan’s low-income communities, companies have announced **\$12.6 billion** in investment across **26** projects and the creation of **14,374** good-paying clean energy jobs. Michigan’s rural communities have seen **seven** project announcements totaling **\$5.9 billion** in investment and **3,086** 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 MICHIGAN SINCE THE PASSAGE OF THE CLEAN ENERGY PLAN			
<b>\$26.6 B</b> INVESTMENTS IN NEW CLEAN ENERGY PROJECTS		<b>21,748</b> JOBS IN MICHIGAN	
			<b>167,000</b> JOBS <b>PROJECTED</b> IN THE NEXT 10 YEARS
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
GESTAMP FACILITY RENOVATIONS	-	\$325.5 MILLION	190 JOBS
MAGNA NEW MOBILITY R&D FACILITY	TROY	\$1.2 MILLION	100 JOBS
LEAR TRAVERSE CITY PLANT EXPANSION	TRAVERSE CITY	\$28 MILLION	79 JOBS
COPPERWOOD MINE	WAKEFIELD AND IRONWOOD	\$425 MILLION	380 JOBS
MUSKEGON COUNTY RESOURCE RECOVERY CENTER SOLAR FACILITY	MOORLAND TOWNSHIP	-	-
WELLER TRUCK PARTS EV	WYOMING	\$13 MILLION	130 JOBS

COMPONENTS MANUFACTURING FACILITY			
TOYOTA AND LG ENERGY SOLUTIONS BATTERY MANUFACTURING PLANT	HOLLAND	\$3 BILLION	-
LT PRECISION MANUFACTURING AND CORPORATE OFFICE	HOLLAND	\$43.2 MILLION	70 JOBS
LUXWALL FACTORY 1	LITCHFIELD	-	111 JOBS
DEKRA AUTOMOTIVE TEST CENTER OF EXCELLENCE	PLYMOUTH	\$22.8 MILLION	18 JOBS
GENERAL MOTORS HIGH SPEED FUEL CELL STACK MANUFACTURING EXPANSION	PONTIAC	-	200 JOBS
ONE CIRCLE GIGAFACTORY	VAN BUREN TOWNSHIP	\$1.6 BILLION	2,112 JOBS
GENERAL MOTORS LANSING GRAND RIVER PLANT EV CONVERSION	LANSING	\$900 MILLION	50 JOBS
ULTIUM CELLS LANSING BATTERY PLANT	LANSING	\$2.6 BILLION	3,200 JOBS
FUTURE TECHNOLOGIES EXPANSION	BAY CITY	\$1 MILLION	10 JOBS
GESTAMP STEEL BLANKS ASSEMBLY FACILITY	CHESTERFIELD TOWNSHIP	\$42.5 MILLION	390 JOBS
ZF NORTH AMERICA MARYSVILLE EV CONVERSION	MARYSVILLE	-	-
BORGWARNER BATTERY MODULE SERVICE CENTER	WARREN	\$10.9 MILLION	50 JOBS
PISTON AUTOMOTIVE EV ASSEMBLY AND SUPPORT FACILITY	AUBURN HILLS	\$278.8 MILLION	960 JOBS
UL SOLUTIONS NORTH AMERICA ADVANCED BATTERY LABORATORY	AUBURN HILLS	\$72.7 MILLION	61 JOBS
LHP ENGINEERING EV TESTING AND TRAINING CENTER	PONTIAC	\$3.6 MILLION	35 JOBS
LUXWALL FACTORY 2	DETROIT	-	277 JOBS
GOTION GIGAFACTORY	BIG RAPIDS	\$2.4 BILLION	2,350 JOBS
VIA MOTORS HEADQUARTERS	AUBURN HILLS	\$12.4 MILLION	300 JOBS
LEAR EV GIGAFACTORY	INDEPENDENCE TOWNSHIP	\$112.5 MILLION	500 JOBS



STELLANTIS & DTE AGREEMENT ON EXPANDED SOLAR POWER FOR AUTO MANUFACTURING	-	-	15 JOBS
SHYFT GROUP EV FACILITIES EXPANSION	CHARLOTTE	\$16 MILLION	680 JOBS
BLUE OVAL BATTERY PARK	MARSHALL	\$2 BILLION	1,700 JOBS
HEMLOCK SEMICONDUCTOR CAMPUS EXPANSION	THOMAS TOWNSHIP	\$375 MILLION	370 JOBS
EATON CORP. MICHIGAN FACILITIES EXPANSION	MARSHALL, SOUTHFIELD, AND CANTON TOWNSHIP	\$20 MILLION	100 JOBS
TOYOTA EV BATTERY TESTING LAB	YORK TOWNSHIP	\$47 MILLION	-
DESIGN MANUFACTURING OPERATIONS FACILITY	NEW HUDSON	\$19 MILLION	45 JOBS
MERSEN BAY CITY MANUFACTURING FACILITY EXPANSION	BAY CITY	\$71 MILLION	70 JOBS
MERSEN GREENVILLE MANUFACTURING FACILITY EXPANSION	GREENVILLE	\$10 MILLION	45 JOBS
EXPLEO RESEARCH AND DEVELOPMENT FACILITY	TROY	\$2 MILLION	196 JOBS
BORGWARNER MICHIGAN FACILITY EXPANSION	AUBURN HILLS, DEARBORN, AND HAZEL PARK	\$20 MILLION	186 JOBS
NEL ELECTROLYSER MANUFACTURING FACILITY	PLYMOUTH	\$400 MILLION	500 JOBS
POLAR RACKING SOLAR MOUNTING MANUFACTURING FACILITY	-	-	10 JOBS
DTE ENERGY RENEWABLE ENERGY UPGRADES	-	\$9 BILLION	-
MAGNA ELECTRIC VEHICLES STRUCTURES EXPANSION	ST. CLAIR	\$426 MILLION	920 JOBS
MAGNA POWERTRAIN FACILITY	SHELBY TOWNSHIP	\$96.17 MILLION	155 JOBS
MAGNA AUBURN HILLS EV SEATING PLANT	AUBURN HILLS	\$100 MILLION	500 JOBS
CONCEPT METALS EV COMPONENTS FACILITY	SPRING LAKE	\$15.5 MILLION	25 JOBS
PLASTIC OMNIUM HYDROGEN STORAGE MANUFACTURING PLANT	GRAND BLANC TOWNSHIP	\$171.2 MILLION	175 JOBS



EAVX EV COMPONENT MANUFACTURING FACILITY EXPANSION	YPSILANTI	\$3.79 MILLION	75 JOBS
FREUDENBERG E-POWER SYSTEMS FACILITY	MIDLAND	-	-
DANA THERMAL PRODUCTS EV COMPONENT MANUFACTURING FACILITY	AUBURN HILLS	\$54.2 MILLION	200 JOBS
BOLLINGER MOTORS EV EXPANSION	OAK PARK AND LIVONIA	\$44 MILLION	237 JOBS
GM EV PARTS WAREHOUSE	DETROIT	-	350 JOBS
AGS AUTOMOTIVE SYSTEMS MANUFACTURING EXPANSION	STERLING HEIGHTS	\$20 MILLION	120 JOBS
NAVICO BATTERY CENTER OF EXCELLENCE	LOWELL	\$32.7 MILLION	80 JOBS
ATC DRIVETRAIN REMANUFACTURING FACILITY	HOLLAND	\$7.9 MILLION	163 JOBS
NORM FASTENERS MANUFACTURING FACILITY	BATH CHARTER TOWNSHIP	\$77 MILLION	200 JOBS
ARMSTRONG INTERNATIONAL HEAT PUMP MANUFACTURING CAPACITY EXPANSION	THREE RIVERS	-	-
SCOUT MOTORS PRODUCT DESIGN AND ENGINEERING FACILITY	NOVI	\$11 MILLION	200 JOBS
TREAU INC. HEATPUMP FACTORY	OAKLAND COUNTY	-	300 JOBS
FORTESCUE METALS MANUFACTURING CENTER	DETROIT	\$210 MILLION	600 JOBS
ECOG U.S. HEADQUARTERS	CORKTOWN	\$14.4 MILLION	45 JOBS
SK SILTRON CSS FACILITY EXPANSION	BAY CITY	\$544 MILLION	400 JOBS
JING-JIN ELECTRIC NORTH AMERICA EXPANSION	FARMINGTON HILLS	\$16.5 MILLION	100 JOBS
CORNING SOLAR COMPONENT MANUFACTURING FACILITY	RICHLAND TOWNSHIP	\$900 MILLION	1,151 JOBS
LUCID MOTORS SOUTHFIELD ENGINEERING AND R&D HUB	SOUTHFIELD	\$10 MILLION	262 JOBS

SOURCE: CLIMATE POWER, 2-YEAR ANNIVERSARY CLEAN ENERGY BOOM REPORT, AUGUST 2024



## SPOTLIGHT: MICHIGAN CLEAN ENERGY PROJECTS

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Since the passage of the clean energy plan, clean energy projects in Michigan have been able to create jobs and invest in the state's clean energy economy:

- Michigan's battery manufacturing industry is booming — and the clean energy plan is driving investments. In October 2022, Michigan-based Our Next Energy (ONE) [announced it would invest](#) \$1.6 billion to establish a battery cell manufacturing plant in Van Buren Township. [ONE's founder called](#) the clean energy plan an “enormous gift” to shape the future of EVs. In October 2022, Lear [announced it would open](#) a \$112.5 million battery plant that would [bring 500 jobs](#) to Independence Township. The [plant will build](#) battery connector units for GM EVs, and [news reports state](#) the expansion was “in response to incentives for on-shoring included in the clean energy plan.”
- Michigan continues to attract new EV investments. [Magna invested millions](#) across several expansion projects in October 2022 to further Michigan's status as the “home of the auto industry and the future of mobility in Michigan,” according to Governor Whitmer. In March 2023, Magna announced an additional \$100 million investment to open a new seating plant to supply GM EVs in Auburn Hills. The facility is expected to create [500 new jobs](#), which would be [represented by the United Auto Workers union](#). In July 2024, General Motors received a [\\$500 million grant](#) from the clean energy plan to convert its Lansing Grand River facility for EV manufacturing, allowing the company to [retain 650 union jobs and create at least 50 new jobs](#).
- EVs aren't the only clean energy industry in the state seeing massive investment. In February 2024, Corning announced it would open a solar component manufacturing facility in Richland Township, [creating 1,151 new jobs](#) paying an average of \$28 per hour, which is about 46% higher than the region's median hourly wage. In May 2023, Polar Racking [directly cited](#) the clean energy plan as driving the company's decision to [open a new manufacturing facility](#) in Michigan to produce solar mounting solutions.
- Clean tech manufacturing also continues to grow in the state. In May 2023, Nel Hydrogen announced plans to open a [gigawatt electrolyzer](#) manufacturing facility in Michigan, a \$400 million investment that will employ over 500 people. The project will benefit from the [clean energy plan's new tax credits](#) for clean hydrogen production. In November 2023, Armstrong International received a \$5 million grant, [funded by the clean energy plan](#), to increase heat pump manufacturing at its Three Rivers facility.

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

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



- 66% of new clean energy jobs, 47.6% of investment, and 41.9% of projects in Michigan are located in low-income communities.
- Nationwide, Michigan ranks third for both the highest number of new clean energy jobs (14,374) and for the most clean energy investments (\$12.6 billion) in low-income communities.
- In June 2024, DEKRA announced it would **invest \$22.8 million** to open an Automotive Test Center of Excellence in Plymouth, Wayne County. The facility will create 18 jobs with an **average salary of over \$100,000 per year**.
- In January 2024, Fortescue announced it would invest up to **\$210 million** in a manufacturing facility in Detroit, creating **600 jobs** in its first phase. The new facility will **directly benefit** from the clean energy plan's tax credits for battery module manufacturing.
- In June 2023, Eaton Corp. announced it would expand its **power management operations** in Marshall, Southfield, and Canton Township. The \$20 million investment across the three facilities is expected to create **100 high-wage jobs** in electrification.
- In October 2022, Michigan-based Our Next Energy (ONE) **announced it would invest \$1.6 billion** to establish a battery cell manufacturing plant in Van Buren Township. **ONE's founder called** the clean energy plan an “enormous gift” to shape the future of EVs.

#### SPOTLIGHT: CLEAN ENERGY JOBS IN RURAL MICHIGAN

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

- 14.1% of new clean energy jobs and 11.2% of projects in Michigan are located in rural communities.
- Nationwide, Michigan ranks eighth for the highest number of new clean energy jobs (3,086) and second for new clean energy investments (\$5.9 billion) in rural communities.
- In November 2023, Armstrong International received a \$5 million grant, **funded by the clean energy plan**, to increase heat pump manufacturing at its Three Rivers facility. St. Joseph County, where the project is located, is 64% rural.
- In June 2023, **Mersen announced a \$10 million investment** to expand its Greenville manufacturing facility that specializes in machining graphite and rigid carbon insulation for electrification and electric vehicle technologies. The project will create an additional 45 jobs. Greenville is located in Montcalm County, which is 85% rural.
- In March 2024, Highland Copper passed a funding hurdle for its Copperwood Mine in Gogebic County, which is about 64% rural. The mine will increase domestic copper supply, a key part of the clean energy transition. Highland Copper **invested \$425 million** in the mine and is expected to **create 380 jobs**.

#### SPOTLIGHT: CLEAN ENERGY JOBS IN GOP DISTRICTS

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

- 19 of Michigan's 62 projects are in Republican-held districts, representing more than 30% of all projects in the state, more than \$8.6 billion in investment, and 7,168 new jobs.
- **Michigan's 1st Congressional District:** Rep. Jack Bergman represents Michigan's 1st Congressional District, where two clean energy projects invest \$453 million and create 459 jobs. In August 2022, Bergman **voted against** the clean energy plan.
- **Michigan's 2nd Congressional District:** Rep. John Moonenaar represents Michigan's 2nd Congressional District, where three new clean energy projects invest \$2.4 billion and create 2,430 jobs. In August 2022, Moonenaar **voted against** the clean energy plan and **falsely claimed** it raised taxes on American energy.
- **Michigan's 4th Congressional District:** Rep. Bill Huizenga represents Michigan's 4th Congressional District, where three new clean energy projects invest over \$3.05 billion to create 233 jobs. In August 2022, Huizenga **voted against** the clean energy plan, and said it would **"accelerate inflation."**
- **Michigan's 5th Congressional District:** Rep. Tim Walberg represents Michigan's 5th Congressional District, where four new clean energy projects invest \$2.02 billion and create 1,911 jobs. Despite voting **against** the clean energy plan, Walberg **celebrated** new clean energy jobs from the BlueOval Battery Park, telling the Detroit Free Press, "Having 2,700 jobs come to the Marshall community is good news and reflects a local emphasis on creating conditions ripe for investment."
- **Michigan's 9th Congressional District:** Rep. Lisa McClain represents Michigan's 9th Congressional District, where four new clean energy projects invest over \$581 million and create 1,810 jobs. Rep. McClain **voted against** the clean energy plan and **claimed** the bill was deceptive because it would do "nothing to reduce inflation."
- **Michigan's 10th Congressional District:** Represented by John James, this district has attracted three new clean energy projects, generating 325 new jobs and over \$127 million in investments, including **supplying battery tray components** for electric vehicles, bringing more than 155 jobs to Michigan's 10th district. Rep. James opposed the clean energy plan and **argued that the legislation** cedes American auto leadership to China.

#### SNAPSHOT: MICHIGAN'S CLEAN ENERGY ECONOMY

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These new jobs build on an already thriving clean energy economy in Michigan, with more than 123,000 jobs across the state as of 2022. This includes 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 MICHIGAN



**123,983**

TOTAL CLEAN ENERGY JOBS  
(2022)



**4.6%**

GROWTH RATE  
(2021-2022)

