



# MICHIGAN

THE INFLATION REDUCTION ACT IS TURBOCHARGING MICHIGAN’S ECONOMY, POSITIONING IT AS A SOLAR & EV BATTERY MANUFACTURING POWERHOUSE

Passing the Inflation Reduction Act (IRA) has kicked America’s clean energy sector into high gear, transforming Michigan into a solar and electric vehicle battery manufacturing powerhouse. Across the state, new clean energy projects have already spurred \$21.3 billion in investment, the 3rd highest in the nation, and created or moved forward over 16,600 good-paying clean energy jobs, the 4th most in the country. Since the IRA’s passage, 30 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, wind, and other clean technologies. In Michigan’s rural communities, two projects have spurred \$2.41 billion in investment and the creation of 2,395 good-paying clean energy jobs. The IRA 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 IRA			
<b>\$21.3 B</b> INVESTMENTS IN NEW CLEAN ENERGY PROJECTS		<b>16,699</b> JOBS IN MICHIGAN	
			<b>167,000</b> JOBS <b>PROJECTED</b> IN THE NEXT 10 YEARS
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
ULTIUM CELLS BATTERY PLANT	DELTA TOWNSHIP	\$2.6 BILLION	3,200 JOBS
OUR NEXT ENERGY GIGAFACTORY	VAN BUREN TOWNSHIP	\$1.6 BILLION	2,112 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	\$3.5 BILLION	2,500 JOBS

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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	\$75 MILLION	72 JOBS
MERSEN GREENVILLE MANUFACTURING FACILITY EXPANSION	GREENVILLE	\$10 MILLION	45 JOBS
EXPLEO RESEARCH AND DEVELOPMENT FACILITY	OAKLAND COUNTY	\$2 MILLION	196 JOBS
GM EV AUTOMOTIVE SUPPLY FACILITY	AUBURN HILLS	\$200 MILLION	1,000 JOBS
BORGWARNER MICHIGAN FACILITY EXPANSION	AUBURN HILLS, DEARBORN, AND HAZEL PARK	\$20 MILLION	186 JOBS
NEL ELECTROLYSER MANUFACTURING FACILITY	-	\$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	SHELBY TOWNSHIP	\$96.17 MILLION	155 JOBS



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OUR NEXT ENERGY GIGAFACTORY FACILITY	VAN BUREN TOWNSHIP	\$1.6 BILLION	2,112 JOBS
MAGNA SEATING FACILITY	DETROIT	-	100 JOBS
MAGNA AUBURN HILLS EV SEATING PLANT	AUBURN HILLS	\$100 MILLION	500 JOBS
SAMSUNG SDI AUBURN HILLS BATTERY EXPANSION	AUBURN HILLS	\$41 MILLION	368 JOBS
CONCEPT METALS EV COMPONENTS FACILITY	SPRING LAKE	\$1.55 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

SOURCE: CLIMATE POWER, CLEAN ENERGY BOOM 200K REPORT, NOVEMBER 2023

SPOTLIGHT: MICHIGAN CLEAN ENERGY PROJECTS

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

- Michigan’s battery manufacturing industry is booming — and the IRA 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 IRA an “enormous gift” to shape the future of EVs. In September 2023, Samsung



SDI announced a [\\$41 million](#) expansion of its Auburn Hills lithium-ion battery manufacturing plant to meet the growing demand for EV batteries. The expansion will create [368 new high-paying jobs](#). In October 2022, Lear [announced it would open](#) a \$112.5 million battery plant in 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 Inflation Reduction Act.”

- Michigan continues to attract new EV investments. [Magna invested \\$526 million](#) 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](#).
- EVs aren’t the only clean energy industry in the Mitten State seeing massive investment. In May 2023, Polar Racking [announced it would open](#) a new manufacturing facility in Michigan to produce solar mounting solutions. A Polar Racking executive [directly cited](#) the IRA as a reason to expand the company’s manufacturing operations. And, 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 [IRA’s new tax credits](#) for clean hydrogen production.

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

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

- Nationwide, Michigan ranks 6th for the highest number of new clean energy jobs (2,395) and 5th for new clean energy investments (\$2.4 billion) in rural communities.
- New clean energy projects announced in Michigan’s 2nd Congressional District are creating 2,350 new jobs, ranking 2nd as the district with the highest number of jobs in rural communities nationwide.
- 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 addition 45 jobs. Greenville is located in Montcalm County, which is about 85% rural.

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

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

- Six of Michigan’s 30 projects are in Republican-held districts, representing 20% of all projects in the state, \$6.6 billion in investment, and 6,200 new jobs.
- **Michigan’s 2nd Congressional District:** Rep. John Moolenaar represents Michigan’s 2nd Congressional District, where one new clean energy project invests \$2.4 billion and creates 2,350 jobs. In August 2022, Moonlenaar voted against the IRA and **falsely claimed** it raised taxes on American energy.
- **Michigan’s 5th Congressional District:** Rep. Tim Walberg represents Michigan’s 5th Congressional District, where three new clean energy projects invest \$3.69 billion and create 2,775 jobs. In August 2022, Rep. Walberg voted against the IRA, **calling** it a “dangerous piece of legislation” that would raise taxes on Americans during a recession.
- **Michigan’s 9th Congressional District:** In October 2022, Magna announced a **\$426 million expansion** of its electric vehicle structures manufacturing facility in Rep. Lisa McClain’s district, which will create 920 new clean energy jobs. Rep. McClain **voted against the IRA 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 one new clean energy project, generating 155 new jobs and \$96 million in investments that will **supply battery tray components** for a global automaker’s electric vehicles. Rep. James opposed the IRA and **argued that the legislation** “cede(s) American automotive leadership to the People's Republic of China (PRC).”

SNAPSHOT: MICHIGAN’S CLEAN ENERGY ECONOMY

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Overall, Michigan’s clean energy economy is booming with more than 123,000 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 IRA will continue to reshape and recharge our economy for many decades to come. The Made in America clean energy boom is just getting started.

