




# NEW YORK

THE CLEAN ENERGY PLAN IS TURBOCHARGING NEW YORK'S ECONOMY, POSITIONING IT AS A CLEAN ENERGY MANUFACTURING POWERHOUSE

The clean energy plan has kicked America's clean energy sector into high gear, transforming New York into a clean technology manufacturing powerhouse. Across the state, new clean energy projects have already spurred **\$115.04 billion** in investment, the highest in the nation, and created or moved forward **26,082** good-paying clean energy jobs, the second highest in the country. Since the clean energy plan's passage, **20** new clean energy projects have been announced or moved forward in New York. Projects span six sectors – solar, batteries, clean technology, EVs, hydrogen, and wind. In New York's low-income communities, companies have announced \$1.23 billion in investment and the creation of 2,185 good-paying clean energy jobs, while New York's rural communities have seen project announcements totaling \$955 million in investment and 609 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 NEW YORK SINCE THE PASSAGE OF THE CLEAN ENERGY PLAN			
<b>\$115.04 B</b>			<b>26,082</b>
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			JOBS IN NEW YORK
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
ARTHUR KILL OFFSHORE WIND TERMINAL	STATEN ISLAND	\$48 MILLION	750 JOBS
NRG OFFSHORE WIND CONVERTER STATION	QUEENS	\$215 MILLION	-
ZINC8 BATTERY MANUFACTURING HUB	ULSTER COUNTY	\$68 MILLION	500 JOBS
PORT OF ALBANY OFFSHORE WIND TOWER MANUFACTURING FACILITY	BETHLEHEM	\$700 MILLION	500 JOBS
GE WIND NACELLES MANUFACTURING PLANT	RAVENA	-	720 JOBS
GE WIND TURBINE BLADES MANUFACTURING PLANT	RAVENA	-	1,150 JOBS
SIEMENS GAMESA NACELLE MANUFACTURING FACILITY	RAVENA	\$500 MILLION	420 JOBS
LIVINGSTON ENERGY GROUP EV CHARGERS MANUFACTURING FACILITY	ROTTERDAM	-	30 JOBS

GE SCHENECTADY WIND EXPANSION	SCHENECTADY	\$50 MILLION	200 JOBS
AIR PRODUCTS RENEWABLE HYDROGEN FACTORY - NEW YORK	MASSENA	\$500 MILLION	90 JOBS
MICRON NEW YORK SEMICONDUCTOR MEGAFAB FACILITY	CLAY	\$100 MILLION	9,000 JOBS
ELECTROVAYA LITHIUM ION GIGAFACILITY	CHAUTAUQUA COUNTY	\$75 MILLION	250 JOBS
GM ROCHESTER MANUFACTURING PLANT INVESTMENT	ROCHESTER	\$68 MILLION	-
LI-CYCLE BATTERY RECYCLING FACILITY EXPANSION	ROCHESTER	\$175 MILLION	1,220 JOBS
LINTON CRYSTAL SOLAR INGOT AND WAFER EQUIPMENT FACTORY	ROCHESTER	\$10 MILLION	125 JOBS
MITREX SOLAR PANELS MANUFACTURING FACILITY	ROCHESTER	\$342.9 MILLION	250 JOBS
ANOVIION GRAPHITE ANODE FACTORY	SANBORN	\$294 MILLION	300 JOBS
GLOBALFOUNDRIES FAB 8 EXPANSION	MALTA	\$11.6 MILLION	10,508 JOBS
ENERGY CATALYST GEOTHERMAL HEAT PUMP MANUFACTURING EXPANSION	WATERVLIET	\$10 MILLION	50 JOBS
PLUG POWER LIQUID HYDROGEN FACILITY EXPANSION	ALABAMA	\$387 MILLION	19 JOBS

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

SPOTLIGHT: NEW YORK CLEAN ENERGY PROJECTS

Since the passage of the clean energy plan, clean energy projects in New York have been able to move forward, creating jobs and investing in the state’s clean energy economy:

- Furthering New York’s goal of becoming the nation’s offshore wind manufacturing hub, [General Electric \(GE\) proposed two new offshore wind energy manufacturing facilities](#) in the state. GE also recently [announced a \\$50 million investment](#) at its Schenectady wind manufacturing facility, creating 200 additional jobs. In announcing the \$50 million investment in May 2023, [GE said the Biden Administration’s clean energy plan](#) played an “important role” by “revitalizing the market, increasing demand for renewable energy, and enabling energy security and competitiveness.” In May 2023, [GE announced it worked with the IUE-CWA unions](#) to reach a labor peace agreement, where GE would remain neutral during the labor organizing process for the new facilities.



- New York’s battery manufacturing industry has seen a similar boom in investment. In January 2023, [Zinc8 Energy Solutions announced a \\$68 million investment plan](#) to relocate its battery manufacturing facility and U.S. headquarters to the mid-Hudson region. General Motors (GM) announced [a \\$68 million investment to upgrade its Rochester plant](#) for EV battery components, and [Electrovaya announced a \\$75 million investment](#) to open a gigafactory in Chautauqua County, creating 250 jobs.
- The Empire State is also seeing new jobs in heat pump manufacturing, with Energy Catalyst’s plans to expand its manufacturing operations in Watervliet, creating 50 new jobs. The company’s expansion also includes a [dedicated training facility](#), where Energy Catalyst will train disadvantaged youth and women business enterprises (WBE), minority business enterprises (MBE), and veteran business enterprise (VBE) contractors.

#### SPOTLIGHT: CLEAN ENERGY JOBS IN NEW YORK’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 New York’s low-income communities:

- Eight of New York’s 20 new clean energy projects (40%) of are located in low-income communities.
- Nationwide, New York ranks 16th for the highest number of new clean energy jobs (2,185) and 18th for clean energy investments (\$1.23 billion) in low-income communities.
- On January 20, 2023, GM announced it would [invest \\$68 million](#) into the company’s Rochester, NY factory for the production of EV battery components. The investment allows the retention of the factory’s unionized workforce.
- In September 2022, Mitrex announced it would open a [2.5 GW solar manufacturing facility](#) in Rochester, New York. Mitrex prepared to enter the U.S. market in 2021 but was [“waiting for the right moment”](#) to enter the U.S. market. Mitrex is investing \$342.9 million in the facility, which will create [250 jobs](#).
- Energy Catalyst will expand its manufacturing operations in Watervliet, creating 50 new jobs. The company’s expansion also includes a [dedicated training facility](#), which Energy Catalyst will use to train disadvantaged youth and MBE/WBE/veteran contractors in clean energy topics.
- Furthering New York’s goal of becoming the nation’s offshore wind manufacturing hub, [GE proposed two new offshore wind energy manufacturing facilities](#) in the state. GE also recently [announced a \\$50 million investment](#) at its Schenectady wind manufacturing facility, creating 200 additional jobs. In announcing the \$50 million investment in May 2023, [GE said the Biden Administration’s clean energy plan](#) played an “important role” by “revitalizing the market, increasing demand for renewable energy, and enabling energy security and competitiveness.” In May 2023, [GE announced it worked with the IUE-CWA unions](#) to reach a labor peace agreement, where GE would remain neutral during the labor organizing process for the new facilities.



## SPOTLIGHT: CLEAN ENERGY JOBS IN NEW YORK'S RURAL COMMUNITIES

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

- Three new clean energy projects (15%) have invested \$995 million and created 609 jobs in New York's rural communities.
- In October 2022, Air Products announced it would move forward with plans to open a [Renewable Hydrogen Factory](#) in Massena, New York, which is 66.9% rural. The [\\$500 million investment](#) will create 90 jobs.
- In May 2023, Plug Power announced it would invest an additional [\\$387 million](#) at its green hydrogen fuel cell plant that is currently under construction in Genessee County, New York, which is 62% rural. The expansion will add 19 new jobs at the facility, with an average salary of [over \\$95,000 per year](#) in wages and benefits.

## 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 New York districts represented by Republican members of the House:

- Six of New York's 20 projects are in Republican-held districts, representing 87.9% of all investment (\$101 billion) and 40.68% of all new jobs in the state (10,609.)
- **New York's 11th Congressional District:** Represented by Rep. Nicole Malliotakis, this district has attracted one new clean energy project, generating 750 new jobs and \$48 million in investments. Rep. Malliotakis [voted against](#) the clean energy plan and [claimed it would drive up inflation](#).
- **New York's 19th District:** Represented by Rep. Marcus Molinaro, this GOP-represented district [directly benefitted from IRA tax credits](#), a large driver behind Zinc8's decision to build in NY-19. The manufacturing hub is expected to create 750 new jobs. As a freshman, Rep. Molinaro didn't have the opportunity to vote on the IRA, but he [called the legislation](#) a "bad idea" that "does nothing to lower inflation." [According to a release](#) from Sen. Schumer, IRA tax credits were a large driver behind Zinc8's decision to build in New York, specifically in Moninaro's district.
- **New York's 21st Congressional District:** Represented by Rep. Elise Stefanik, this district has attracted one new clean energy project, creating 90 jobs and driving \$500 million in new investment. Rep. Stefanik [voted against](#) the clean energy plan, stating she [opposed the landmark legislation](#) because it would increase inflation.
- **New York's 22nd Congressional District:** Represented by Rep. Brandon Williams, this district has attracted one clean energy project, generating 9,000 new jobs and \$100 billion in investments. NY-22 ranks first for new clean energy investments since IRA passage and ranks second for clean

energy job creation among GOP-represented districts. Rep. Williams [opposed the IRA and called it](#) “a giveaway to special interests that would drive continued inflation.”

- **New York’s 23rd Congressional District:** Represented by Rep. Nicholas Langworthy, the district has attracted one new clean energy project, creating 250 new jobs and driving \$75 million in new investment. Rep. Langworthy opposed the clean energy plan, which he called a “[cover for their Green New Deal.](#)”
- **New York’s 24th Congressional District:** Represented by Rep. Claudia Tenney, the district has attracted one new clean energy project, driving \$387 million in new investment and creating 19 new jobs. Rep. Tenney [voted against](#) the clean energy plan and has [repeatedly introduced legislation to repeal parts of the bill.](#)

#### SNAPSHOT: NEW YORK’S CLEAN ENERGY ECONOMY

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Overall, New York’s clean energy economy is booming, with more than 166,014 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.

