




TEXAS

ENTERING 2025: TEXAS IS POSITIONING ITSELF AS A SOLAR AND EV MANUFACTURING POWERHOUSE

Since new clean energy investments were passed in 2022, America’s clean energy sector has kicked into high gear, transforming Texas into a solar and electric vehicle manufacturing powerhouse. Across the state, **61** new clean energy projects have already spurred **\$17.16 billion** in investment, the **sixth-highest** in the nation, and created or moved forward over **26,476** good-paying clean energy jobs, the **third-highest** nationally. Projects span seven sectors, including batteries, clean technologies, electric vehicles, grid and transmission, hydrogen, solar, and wind.

In Texas’ disadvantaged communities, companies have announced **\$13.4 billion** in investment and the creation of **16,182** good-paying clean energy jobs, while Texas’ rural communities have seen project announcements totaling **\$1.06 billion** in investment and **3,955** jobs. The clean energy plan will continue accelerating 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 TEXAS SINCE THE PASSAGE OF THE CLEAN ENERGY PLAN			
\$17.16 B INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			26,476 JOBS IN TEXAS
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
SAATVIK SOLAR PANELS MANUFACTURING FACILITY	-	-	-
SOLAR PLUS PANEL MANUFACTURING FACILITY	HUMBLE	\$30 MILLION	200 JOBS
BALLARD ROCKWALL GIGA 1	ROCKWALL	\$66 MILLION	100 JOBS
HITHIUM PRODUCTION FACILITY	MESQUITE	\$100 MILLION	141 JOBS
CZT ENERGY SOLAR PARTS MANUFACTURING FACILITY	SEALY	\$25 MILLION	135 JOBS
MP MATERIALS RARE EARTH MAGNET MANUFACTURING FACILITY	FORT WORTH	\$174 MILLION	260 JOBS
CORMORANT CLEAN ENERGY PROJECT	PORT ARTHUR	\$1 BILLION	1,097 JOBS
RENEWABLE PARTS REFURBISHMENT CENTER	HUMBLE	-	6 JOBS

BROADWIND HEAVY FABRICATIONS EXPANSION	ABILENE	\$3 MILLION	-
SOLAR PANEL RECYCLING TEXAS CENTER	BRECKENRIDGE	-	-
CELLINK EV ASSEMBLY COMPONENT MANUFACTURING FACILITY	GEORGETOWN	-	1,365 JOBS
HANWHA EV COMPONENT MANUFACTURING FACILITY	GEORGETOWN	\$100 MILLION	180 JOBS
WALLBOX EV CHARGER MANUFACTURING FACILITY EXPANSION	ARLINGTON	-	-
FUTRONIC EV TRANSMISSION AND POWERTRAIN MANUFACTURING FACILITY	BUDA	\$17 MILLION	350 JOBS
JSW STEEL BAYTON FACTORY UPGRADES	BAYTOWN	\$110 MILLION	-
ORION S.A. BATTERY CONDUCTIVE ADDITIVES MANUFACTURING FACILITY	LA PORTE	\$120 MILLION	40 JOBS
MOCKINGBIRD SOLAR CENTER	BROOKSTON	-	200 JOBS
SEG SOLAR MANUFACTURING PLANT	HOUSTON	\$60 MILLION	500 JOBS
CABOT CONDUCTIVE CARBON ADDITIVES CAPACITY EXPANSION	PAMPA	\$90 MILLION	75 JOBS
AIR PRODUCTS RENEWABLE HYDROGEN FACTORY	WILBARGER COUNTY	\$4 BILLION	1,415 JOBS
HIF GLOBAL E-FUELS FACILITY	BAY CITY	\$6 BILLION	4,600 JOBS
ELM MICROGRID AND SOLAR MANUFACTURING FACILITY	THE COLONY	-	150 JOBS
MISSION SOLAR MODULE PRODUCTION FACILITY EXPANSION	SAN ANTONIO	\$40 MILLION	150 JOBS
SK SIGNET EV CHARGERS MANUFACTURING FACILITY	PLANO	\$15 MILLION	183 JOBS
TESLA AUSTIN GIGAFACTORY EXPANSION	AUSTIN	\$775.7 MILLION	-
SIEMENS EMOBILITY EV CHARGING MANUFACTURING HUB	CARROLLTON	-	100 JOBS
HOUSTON LITHIUM-ION BATTERY RECYCLING FACILITY	HOUSTON	\$3 MILLION	-
HYDROGENPRO MANUFACTURING FACILITY	-	\$30 MILLION	-



PV HARDWARE SOLAR TRACKER FACTORY	HOUSTON	\$30 MILLION	-
ALPHA STEEL UTILITY-SCALE SOLAR COMPONENT MANUFACTURING PLANT	SEALY	-	-
SIRIUS PV USA (ELIN ENERGY) SOLAR PANELS MANUFACTURING FACILITY	BROOKSHIRE	\$35 MILLION	450 JOBS
JUNCHUANG NORTH AMERICA R&D HUB	FORT WORTH	\$21 MILLION	120 JOBS
DILIGENCE OFFSHORE SERVICES PORT ARTHUR WIND FARM	PORT ARTHUR	\$1.23 BILLION	4,150 JOBS
EATON EL PASO MANUFACTURING FACILITY	EL PASO	\$71 MILLION	600 JOBS
EATON NACOGDOCHES MANUFACTURING FACILITY EXPANSION	NACOGDOCHES	\$83.7 MILLION	200 JOBS
TESLA BATTERY MATERIALS REFINERY	ROBSTOWN	\$1 BILLION	1,250 JOBS
XCHARGE NORTH AMERICA EV CHARGERS MANUFACTURING FACILITY	KYLE	-	15 JOBS
IMPERIAL STAR SOLAR MANUFACTURING	TOMBALL	-	300 JOBS
PRIEFERT STEEL SOLAR TRACKER MANUFACTURING	MOUNT PLEASANT	-	100 JOBS
CARTER WIND TURBINES MANUFACTURING FACILITY	VERNON	-	300 JOBS
SIEMENS ADVANCED ELECTRICAL EQUIPMENT MANUFACTURING PLANT	FORT WORTH	\$150 MILLION	700 JOBS
LG EV CHARGER STATION FACTORY	FORT WORTH	-	-
POWER ELECTRONICS SOLAR INVERTERS MANUFACTURING FACILITY	HOUSTON	\$300 MILLION	600 JOBS
EL PASO ELECTRIC SAN ELIZARIO COMMUNITY SOLAR FARM	SAN ELIZARIO	\$23 MILLION	-
WAAREE ENERGIES SOLAR PANEL FACTORY	BROOKSHIRE	\$1 BILLION	1,500 JOBS
SEOYON E-HWA EV PARTS MANUFACTURING FACILITY	HUTTO	\$10.5 MILLION	100 JOBS
HEXAGON PURUS ZERO-EMISSION HEAVY-TRUCK MANUFACTURING FACILITY	MESQUITE	-	250 JOBS
SYSGRATION	PLANO	\$16 MILLION	180 JOBS



MANUFACTURING FACILITY			
GAF ENERGY SOLAR ROOFING MANUFACTURING FACILITY	GEORGETOWN	\$100 MILLION	260 JOBS
HIDDEN LAKES RELIABILITY PROJECT	GALVESTON COUNTY	-	100 JOBS
JOHN COCKERILL HYDROGEN ELECTROLYZER MANUFACTURING FACILITY	BAYTOWN	-	200 JOBS
DAIKIN COMFORT TECHNOLOGIES HEAT PUMP MANUFACTURING EXPANSION	WALLER	-	275 JOBS
INFINITUM ELECTRIC AXIAL FLUX VARIABLE SPEED DRIVE MANUFACTURING FACILITY	ROCKDALE	-	295 JOBS
MOMENT ENERGY SECOND-LIFE EV BATTERIES FACILITY	TAYLOR	-	250 JOBS
BRASKEM AMERICA LITHIUM-ION BATTERY MATERIALS PRODUCTION FACILITY	LA PORTE	-	250 JOBS
DOW BATTERY-GRADE CARBONATE MANUFACTURING FACILITY	-	-	284 JOBS
UNIVERSAL LITHIUM BATTERY SUPPLY HEADQUARTERS	BROOKSHIRE	-	-
PROJECT CONCHO DIRECT AIR CARBON CAPTURE	TOM GREEN COUNTY	-	-
FREYR SOLAR MANUFACTURING FACILITY	WILMER	\$340 MILLION	1,500 JOBS
TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS PV INVERTER FACTORY	BROOKSHIRE	-	300 JOBS
ASPEN WOODS AND STANDARD CARBON SOLAR MANUFACTURING FACILITY	STRATFORD	-	700 JOBS

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

CLEAN ENERGY PROJECTS IN TEXAS BY SECTOR						
SECTOR	PROJECTS		JOBS		INVESTMENTS	
	#	%	#	%	#	%
BATTERIES	12	19.7%	2,820	10.7%	\$1.3 BILLION	7.7%



CLEAN TECHNOLOGY	6	9.8%	2,627	9.9%	\$1.3 BILLION	7.7%
ELECTRIC VEHICLES	11	18%	2,413	9.1%	\$939 MILLION	5.5%
GRID & TRANSMISSION	2	3.3%	800	3%	\$154 MILLION	0.9%
HYDROGEN	5	8.2%	6,315	23.9%	\$10 BILLION	58.8%
SOLAR	20	32.8%	7,045	26.7%	\$1.9 BILLION	11.5%
WIND	5	8.2%	4,456	16.8%	\$1.3 BILLION	7.7%

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

SPOTLIGHT: TEXAS' CLEAN ENERGY PROJECTS

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

- Solar manufacturing is booming in Texas. In November 2024, the Aspen Woods Group and Robert Rockefeller Standard Carbon announced plans to open a [solar manufacturing facility](#) in Stratford, which is expected to create [over 700 jobs](#). Waarree also announced it would invest \$1 billion to open a solar manufacturing facility near Houston, [creating 1,500 new jobs](#), and in September 2023, Sirius PV announced a [\\$35 million investment](#) to open a solar manufacturing facility in Waller County, [creating 450 new jobs](#). To meet the growing demand for [U.S.-manufactured solar panels](#) driven by the clean energy plan, PV Hardware announced it would open a 6GW solar factory in Texas. Additionally, SEG Solar announced a new residential solar project that will [bring 500 jobs to the state](#), with more on the way as the company uses [savings from the clean energy plan's tax credits](#) to fund more manufacturing and support jobs.
- Companies are expanding their manufacturing of critical grid components in Texas. In April 2024, Eaton received two tax credits, funded by the clean energy plan, to expand its facilities in [El Paso and Nacogdoches](#), where it manufactures electric breakers and voltage regulators. Thanks to the tax credits, Eaton expected to add [600 new jobs in El Paso](#) and [200 new jobs in Nacogdoches](#).
- Texas is also becoming a hub for wind energy manufacturing. In November 2023, Carter Wind Turbines announced it would open a new manufacturing facility in Vernon, creating [300 new jobs](#). Diligence Offshore Services is also investing \$1.23 billion to open an offshore wind support and manufacturing facility off the coast of Port Aruther, creating [4,000 construction jobs and 150 permanent 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 Texas districts represented by Republican members of the House:

- 38 of Texas' 61 projects are in Republican-held districts, representing 62.3% of all projects in the state, \$15.3 billion in investment, and 20,938 new jobs.
- **Texas' 1st Congressional District:** Rep. Nathaniel Moran represents Texas' 1st Congressional District, where one clean energy project creates 100 new jobs. Rep. Moran [voted](#) to repeal the clean energy plan.
- **Texas' 4th Congressional District:** Rep. Pat Fallon represents Texas' 4th Congressional District, where two clean energy projects create 300 new jobs and \$66 million in investments. In August 2022, Rep. Fallon [voted against](#) the clean energy plan and [claimed](#) that it “did not reduce inflation or rescue Americans. It did the opposite.”
- **Texas' 5th Congressional District:** Represented by Rep. Lance Gooden, this district has attracted two new clean energy projects, generating 391 new jobs and \$100 million in investments. Rep. Gooden [voted against](#) the clean energy plan and [criticized the legislation's](#) EV subsidies despite both of the projects in his district manufacturing battery [systems](#) and [parts](#) for EVs.
- **Texas' 8th Congressional District:** Rep. Morgan Luttrell represents Texas' 8th Congressional District, where two clean energy projects create 775 new jobs and \$60 million in investments. Rep. Luttrell [voted to repeal](#) the clean energy plan and [voted against the debt ceiling agreement](#) in June 2023, partly because it did not gut the clean energy plan.
- **Texas' 10th Congressional District:** Represented by Rep. Michael McCaul, this district has five clean energy projects that invest \$1.1 billion and create 2,085 new jobs. Rep. McCaul [voted against](#) the clean energy plan, [calling it](#) the “Inflation Expansion Act.”
- **Texas' 12th Congressional District:** Represented by Rep. Craig Goldman, this district has one clean energy project, a rare earth magnet [facility](#) that will manufacture components used in EV motors and wind turbines, which creates 260 new jobs and \$174 million in investments.
- **Texas' 13th Congressional District:** Rep. Ronny Jackson represents Texas' 13th Congressional District, where four clean energy projects invest \$4.1 billion and create 2,490 new jobs. Rep. Jackson [voted against](#) the clean energy plan, [calling the legislation](#) “a slap in the face to EVERY American!”
- **Texas' 14th Congressional District:** Represented by Rep. Randy Weber, this district has two clean energy projects that invest \$2.2 billion and create 5,247 new jobs. Rep. Weber [voted against](#) the clean energy plan and [said the bill would](#) “hurt our energy companies” and “invest billions in the Left's radical Green New Deal.”
- **Texas' 17th Congressional District:** Rep. Pete Sessions represents Texas' 17th Congressional District, where two clean energy projects invest \$83.7 million and create 495 new jobs. Rep. Sessions [voted against](#) the clean energy plan and [claimed that](#) it would make inflation worse.
- **Texas' 19th Congressional District:** Rep. Jodey Arrington represents Texas' 19th Congressional District, where one clean energy project invests \$3 million. Rep. Arrington [voted against](#) the clean energy plan and [claimed that](#) the bill was a false promise that would make inflation worse.
- **Texas' 22nd Congressional District:** Represented by Rep. Troy Nehls, this district attracted one new clean energy project, generating 4,600 new jobs and \$6 billion in investment. TX-22 ranks



15th among GOP-represented districts for new jobs and 9th for investment. Rep. Nehls [voted against](#) the clean energy plan and [claimed the bill](#) was a “far-left attempt to turn America into a Socialist welfare police state.”

- **Texas’ 23rd Congressional District:** Represented by Rep. Tony Gonzales, this district attracted one new clean energy project, generating \$23 million in investment. Rep. Gonzales [voted against](#) the clean energy plan, [calling the bill](#) “another broken promise.”
- **Texas’ 25th Congressional District:** Represented by Roger Williams, this district attracted one new clean energy project. Rep. Williams [voted against](#) the clean energy plan.
- **Texas’ 26th Congressional District:** Rep. Brandon Gill represents Texas’ 26th Congressional District, where three clean energy projects create 250 new jobs.
- **Texas’ 27th Congressional District:** Represented by Rep. Michael Cloud, this district has one clean energy project that invests \$1 billion and creates 1,250 new jobs. Rep. Cloud [voted against](#) the clean energy plan and [published an opinion piece](#) calling for the law to be repealed because it gives “special handouts to green corporations.”
- **Texas’ 31st Congressional District:** Represented by Rep. John Carter, this district has attracted four new clean energy projects creating 1,905 new jobs and driving \$210.5 million in new investment. Rep. Carter [voted against](#) the clean energy plan, [saying it was](#) “wasting hard-earned tax dollars on the Green New Deal.”
- **Texas’ 36th Congressional District:** Represented by Rep. Brian Babin, this district has attracted four new clean energy projects, creating 490 new jobs and driving \$230 million in new investment. Rep. Babin [voted against](#) the clean energy plan and [said it was full of](#) “budgetary gimmicks” that wasted “billions of dollars on Green New Deal policies.”
- **Texas’s 38th Congressional District:** Represented by Rep. Wesley Hunt, this district has attracted one new clean energy project, creating 300 new jobs. Rep. Hunt [voted to repeal the clean energy plan](#) and opposed [legislation to lift the debt ceiling](#) because it did not rescind the landmark climate bill.

SPOTLIGHT: CLEAN ENERGY JOBS IN TEXAS’ DISADVANTAGED COMMUNITIES

Since the passage of the clean energy plan, new clean energy projects have spurred economic growth in Texas’ disadvantaged communities:

- 61% of new clean energy jobs (16,182 jobs), 78% of new investments (\$13.4 billion), and 30% of projects (18) in Texas are located in disadvantaged communities.
- Nationwide, Texas ranks third for the highest number of new clean energy jobs (16,182 jobs) and third for clean energy investments (\$13.4 billion) in disadvantaged communities.
- In November 2023, Carter Wind Turbines was selected to receive a [\\$20 million grant](#) from the U.S. Department of Energy to support a new manufacturing facility for hybrid wind turbines and energy storage systems. The company plans to use the funding, which was established by the clean energy plan, to open the facility in Vernon, creating [300 new manufacturing jobs](#).
- In August 2023, Diligence Offshore Services announced it would invest \$1.23 billion to open an offshore wind support and manufacturing facility on Pleasure Island, off the coast of Port Arthur.

The facility will create **4,000 construction jobs** and 150 permanent jobs. Diligence Offshore Services will be the **first independently Black-owned, deep-water facility and manufacturing site**.

- In September 2023, Eaton announced a **\$80 million investment** to expand its electrical power distribution system manufacturing facility in El Paso. The investment will add **600 new jobs** at the facility, which produces circuit breakers, switchboards, panelboards, and other technologies for electrification.
- In January 2024, 8 Rivers announced it would **invest \$1 billion** in the Cormorant Clean Energy Project, an ultra-low carbon ammonia production plant in Port Arthur. The facility will **create 97 full-time jobs and over 1,000 construction jobs**. The plant will produce ammonia, which can decarbonize industries such as shipping while capturing carbon dioxide from the atmosphere.

SPOTLIGHT: CLEAN ENERGY JOBS IN RURAL TEXAS

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

- 14.9% of new clean energy jobs (3,955 jobs), 6.2% of investment (\$1.06 billion), and 18% of projects (11) in Texas are located in rural communities.
- In December 2023, Waaree announced it would **invest \$1 billion** to build one the largest solar manufacturing facilities in the U.S. **A Waaree spokesperson said** the new plant would enable the company “to cater to the growing demand for solar panels in the US market and further strengthen our presence in the region.” The facility will **create 1,500 jobs in Waller County**, which is 77% rural.
- In February 2023, FTC Solar announced a partnership with Taihua New Energy to create Alpha Steel LLC, a new manufacturing facility to produce **steel components for solar projects**. The new facility, located in Austin County, which is about 79% rural, is expected to begin production in mid-2023.
- In June 2023, Turkish solar company Elin Energy, which operates under the name Sirius PV in the U.S., announced it would open **a manufacturing facility** in the U.S. In September 2023, Sirius PV announced the **\$35 million** facility would be located in Texas' Waller County, which is 77% rural, **creating 450 jobs**.
- In February 2024, CZT Energy announced a **\$25 million investment** to open a solar parts manufacturing facility in Sealy, Austin County, which is 79% rural. The facility is projected to **create 135 jobs**.