




TEXAS

TWO YEARS OF THE CLEAN ENERGY PLAN: TEXAS RANKS FIRST NATIONWIDE FOR CLEAN ENERGY INVESTMENTS IN LOW-INCOME COMMUNITIES, POSITIONING IT AS A SOLAR AND EV MANUFACTURING POWERHOUSE

Two years after the passage of the clean energy plan, America’s clean energy sector has kicked into high gear, transforming Texas into a solar and electric vehicle manufacturing powerhouse. Across the state, 52 new clean energy projects have already spurred \$17.02 billion in investment, the fifth highest in the nation, and created or moved forward over 24,122 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’ low-income communities, companies have announced \$13.44 billion in investment and the creation of 14,612 good-paying clean energy jobs, while Texas’ rural communities have seen project announcements totaling \$1.06 billion in investment and 2,385 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			
\$17.02 B		24,122	
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			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
8 RIVERS LOW CARBON AMMONIA PRODUCTION PLANT	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 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 PV 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 EXPANSION	SAN ANTONIO	\$40 MILLION	150 JOBS
SK SIGNET EV CHARGER 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	-	\$30 MILLION	-



MANUFACTURING FACILITY			
PV HARDWARE SOLAR TRACKER FACTORY	HOUSTON	\$30 MILLION	-
ALPHA STEEL UTILITY-SCALE SOLAR COMPONENT MANUFACTURING FACILITY	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 EXPANSION	NACOGDOCHES	\$83.7 MILLION	200 JOBS
TESLA BATTERY MATERIALS REFINERY	ROBSTOWN	\$1 BILLION	1,250 JOBS
TRINA SOLAR PV MANUFACTURING FACILITY	WILMER	\$200 MILLION	1,500 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
TESLA HUTTO FACILITY	HUTTO	\$10.5 MILLION	100 JOBS
HEXAGON PURUS ZERO-EMISSION HEAVY-TRUCK MANUFACTURING FACILITY	MESQUITE	-	250 JOBS



SYSGRATION MANUFACTURING FACILITY	PLANO	\$16 MILLION	180 JOBS
GAF ENERGY SOLAR ROOFING MANUFACTURING FACILITY	GEORGETOWN	\$100 MILLION	260 JOBS
GRIDSTOR EVELYN BATTERY STORAGE PROJECT	GALVESTON COUNTY	-	100 JOBS
JOHN COCKERILL HYDROGEN ELECTROLYZER MANUFACTURING FACILITY	BAYTOWN	-	200 JOBS

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

SPOTLIGHT: TEXAS' CLEAN ENERGY PROJECTS

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

- Texas has seen record investments in EVs. [Tesla plans to invest upwards of \\$770 million](#) toward expanding its Austin EV factory. EV charger manufacturing is also taking off in the state. [SK Signet announced plans](#) for an EV fast charger manufacturing facility that will create 183 new jobs, and in January 2024, LG announced it would open an [EV charger manufacturing facility](#) in Fort Worth.
- Solar manufacturing is also booming in Texas. Waaree announced it would invest \$1 billion to open a solar manufacturing facility near Houston, [creating 1,500 new jobs](#). In September 2023, Sirius PV announced [a \\$35 million investment](#) to open a solar manufacturing facility in Waller County, [creating 450 new jobs](#). PV Hardware announced it would open a 6GW solar factory in Texas to meet the growing demand for [U.S.-manufactured solar panels](#) driven by the clean energy plan. 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.
- 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 investing \$1.23 billion to open an offshore wind support and manufacturing facility off the coast of Port Arthur, creating [4,000 construction jobs and 150 permanent jobs](#).
- Texas has also seen a boom in battery manufacturing. In July 2024, Hithium announced it would [invest \\$100 million](#) to open a battery module manufacturing facility in Mesquite, Texas. The facility would [create 141 jobs](#) manufacturing stationary energy storage battery systems. Additionally in February 2024, Sysgration America Corp. announced plans to establish a manufacturing facility in Plano, Texas, investing [at least \\$16 million](#) at the site and [creating up to 180 jobs](#).



SPOTLIGHT: CLEAN ENERGY JOBS IN TEXAS' LOW-INCOME COMMUNITIES

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

- 60.57% of new clean energy jobs and 78.94% of new investments in Texas are located in low-income communities.
- Nationwide, Texas ranks second for the highest number of new clean energy jobs (14,612) and first for clean energy investments (\$13.44 billion) in low-income communities.
- In November 2023, Carter Wind Turbines was selected to receive a [\\$20 million grant](#) from the Department of Energy to support a new manufacturing facility for hybrid wind turbines and energy storage systems. Carter Wind Turbines plans to use the funding, which was established by the Inflation Reduction Act, to open the facility in Vernon, Texas, 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 in Pleasure Island, off the coast of Port Arthur, Texas. 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, Texas. 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, Texas. 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:

- 11.53% of new clean energy projects in Texas are located in rural communities.
- In December 2023, Waaree announced it would [invest \\$1 billion](#) to build a solar manufacturing facility near Houston, Texas. 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.

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:

- 33 of Texas' 52 projects are in Republican-held districts, representing 63% of all projects in the state, \$15.1 billion in investment, and 19,308 new jobs.
- **Texas' 4th Congressional District:** Rep. Pat Fallon represents Texas' 4th Congressional District, where two clean energy projects create 300 new jobs. In August 2022, Rep. Fallon voted against the clean energy plan and claimed that "Democrats rushed the 'Inflation Reduction Act' through Congress b/c they knew they were lying to the American people."
- **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.
- **Texas' 8th Congressional District:** Rep. Morgan Luttrell represents Texas' 8th Congressional District, where one clean energy project creates 500 new jobs. 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 three clean energy projects that invest \$60 million and create 585 new jobs. Rep. McCaul voted against the clean energy plan, calling it the "Inflation Expansion Act."
- **Texas' 12th Congressional District:** Represented by Rep. Kay Granger, this district has one clean energy project that creates 150 new jobs. Rep. Granger voted against the clean energy plan and shepherded legislation to eliminate key provisions of the law – including about \$13 billion in funding allocated to boost rural energy, help Americans afford energy-efficient appliances, and implement new green building standards.
- **Texas' 13th Congressional District:** Rep. Ronny Jackson represents Texas' 13th Congressional District, where three clean energy projects invest \$4.1 billion and create 1,790 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 invests \$2.2 billion and creates 5,247 new jobs. Rep. Weber **voted against** the clean energy plan and **said the bill would** “increase taxes on American businesses, add a new gas tax, hurt our energy companies, call for the hiring of thousands of additional IRS 'agents and auditors' to target all incomes - not just those over \$400,000, and invest billions in the Left's radical Green New Deal.”
- **Texas' 17th Congressional District:** Rep. Pete Sessions represents Texas' 17th Congressional District, where one clean energy project invests \$83.7 million and creates 200 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 16th 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. Michael Burgess represents Texas' 26th Congressional District, where three clean energy projects create 250 new jobs. Rep. Burgess **voted against** the clean energy plan **and falsely claimed** the bill would have a negligible effect on inflation. While opposing the clean energy plan, Burgess **sent his Chief of Staff and District Director** to tour the ELM Microgrid and Solar Manufacturing Facility in Denton County, which will **create 150 jobs**.
- **Texas' 27th Congressional District:** Represented by Rep. Michael Cloud, this district has two clean energy projects that invests \$2 billion and creates 2,750 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 three new clean energy projects, creating 240 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.

SNAPSHOT: TEXAS' CLEAN ENERGY ECONOMY

These new jobs build on an already thriving clean energy economy in Texas, with over 251,000 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.

