




# TEXAS

THE INFLATION REDUCTION ACT IS TURBOCHARGING TEXAS' ECONOMY, POSITIONING IT AS A SOLAR AND EV MANUFACTURING POWERHOUSE

Passing the Inflation Reduction Act (IRA) has kicked America's clean energy sector into high gear, transforming Texas into a solar and electric vehicle manufacturing powerhouse. Across the state, new clean energy projects have already spurred \$13.24 billion in investment, the 5th highest in the nation, and created or moved forward over 17,128 good-paying clean energy jobs, the 3rd highest nationally. Projects span six sectors, including solar, wind, electric vehicles, batteries, electric grid and transmission, and hydrogen. In Texas' rural communities, companies have announced \$35 million in investment and the creation of 450 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 TEXAS SINCE THE PASSAGE OF THE IRA			
<b>\$13.24 B</b>		<b>17,128</b>	
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			JOBS IN TEXAS
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
MOCKINGBIRD SOLAR CENTER	LAMAR COUNTY	-	200 JOBS
CANADIAN SOLAR TEXAS FACTORY	MESQUITE	\$250 MILLION	1,500 JOBS
SEG SOLAR PV MANUFACTURING PLANT	HOUSTON	-	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	MATAGORDA COUNTY	\$6 BILLION	4,600 JOBS
ELM MICROGRID AND SOLAR MANUFACTURING FACILITY	THE COLONY	-	100 JOBS
MISSION SOLAR MODULE PRODUCTION EXPANSION	SAN ANTONIO	\$40 MILLION	170 JOBS
SK SIGNET EV CHARGER MANUFACTURING FACILITY	PLANO	\$15 MILLION	183 JOBS
TESLA AUSTIN GIGAFACTORY EXPANSION	AUSTIN	\$775.7 MILLION	-
SIEMENS EMOBILITY EV CHARGING	CARROLLTON	-	100 JOBS

MANUFACTURING HUB			
HOUSTON LITHIUM-ION BATTERY RECYCLING FACILITY	HOUSTON	\$3 MILLION	-
HYDROGENPRO MANUFACTURING FACILITY	-	\$30 MILLION	-
PV HARDWARE SOLAR TRACKER FACTORY	-	-	-
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	\$80 MILLION	600 JOBS
EATON NACOGDOCHES EXPANSION	NACOGDOCHES	\$100 MILLION	200 JOBS
TESLA BATTERY MATERIALS REFINERY	ROBSTOWN	\$375 MILLION	1,250 JOBS
TRINA SOLAR PV MANUFACTURING FACILITY	WILMER	\$200 MILLION	1,500 JOBS
XCHARGE NORTH AMERICA EV CHARGERS MANUFACTURING FACILITY	KYLE	-	15 JOBS

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

SPOTLIGHT : TEXAS CLEAN ENERGY PROJECTS

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

- Texas has seen record investments in EVs. [SK Signet announced plans](#) for an EV fast charger manufacturing facility that will create 183 new jobs, and [Tesla plans to invest \\$770 million](#) toward expanding its Austin EV factory.
- Solar manufacturing is also booming in Texas. 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 IRA. Additionally, OCI and Mission Solar announced a [\\$40 million investment](#) to expand domestic solar module production facilities, and 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 IRA tax](#) credits to fund more manufacturing and support jobs.



- Texas also benefits from clean hydrogen tax credits, as Air Products and AES jointly announced a \$4 billion investment for the companies' first mega-scale green hydrogen production facility.

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

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

- \$35 million in investment and 450 new clean energy jobs are located in Texas' rural communities.
- 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 about 77% rural, creating 450 jobs.

#### 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 Texas districts represented by Republican members of the House:

- 13 of Texas' 23 projects are in Republican-held districts, representing 56% of all projects in the state, \$12.1 billion in investment, and 14,560 new jobs.
- **Texas' 4th Congressional District:** Rep. Pat Fallon represents Texas' 4th Congressional District, where one clean energy project creates 200 new jobs. In August 2022, Rep. Fallon voted against the IRA and tweeted, "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 one new clean energy project, generating 1,500 new jobs and \$250 million in investments. Rep. Gooden opposed the IRA, tweeting, "Today, Democrats will vote in favor of 87,000 new IRS agents, higher taxes, electric vehicle subsidies for the rich, and an expansion of Obamacare. Remember this when you vote in November."
- **Texas' 8th Congressional District:** Rep. Morgan Luttrell represents Texas' 8th Congressional District, where one clean energy project creates 500 new jobs.
- **Texas' 10th Congressional District:** Represented by Rep. Michael McCaul, this district has two clean energy projects that invest \$35 million and create 450 new jobs. In August 2022, Rep. McCaul opposed the IRA, calling it the "Inflation Expansion Act."



- **Texas' 12th Congressional District:** Represented by Rep. Kay Granger, this district has one clean energy project that invests \$21 million and creates 120 new jobs. In August 2022, Rep. Granger [voted against the IRA](#).
- **Texas' 13th Congressional District:** Rep. Ronny Jackson represents Texas' 13th Congressional District, where two clean energy projects invest \$4.09 billion and create 1,490 new jobs. In August 2022, Rep. Jackson [opposed the IRA, tweeting](#), "This bill is a slap in the face to EVERY American!"
- **Texas' 14th Congressional District:** Represented by Rep. Randy Weber, this district has one clean energy project that invests \$1.23 billion and creates 4,150 new jobs. In August 2022, Rep. Weber [voted against the IRA](#).
- **Texas' 17th Congressional District:** Rep. Pete Sessions represents Texas' 17th Congressional District, where one clean energy project invests \$100 million and creates 200 new jobs. In August 2022, Rep. Sessions [opposed the IRA and claimed](#) that it 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 6th among GOP-represented districts for new jobs and 7th for investment. Rep. Nehls voted against the IRA and claimed the bill was a ["far-left attempt to turn America into a Socialist welfare police state."](#)
- **Texas' 26th Congressional District:** Rep. Michael Burgess represents Texas' 26th Congressional District, where one clean energy project creates 100 new jobs. In August 2022, Rep. Burgess opposed the IRA and [falsely claimed the bill would have a negligible effect on inflation](#).
- **Texas' 27th Congressional District:** Represented by Rep. Michael Cloud, this district has one clean energy project that invests \$375 million and creates 1,250 new jobs. In August 2022, Rep. Cloud [voted against the IRA](#).

#### SNAPSHOT: TEXAS' CLEAN ENERGY ECONOMY

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Overall, Texas' clean energy economy is booming, with over 251,000 jobs across the state as of 2022, 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.

2022: CLEAN ENERGY JOBS IN TEXAS

**251,774**

TOTAL CLEAN ENERGY JOBS  
(2022)



**5.8%**

GROWTH RATE  
(2021-2022)

