

FAQs

Texas Solar Statistics

How much electricity is being produced in Texas using solar energy technologies?

Texas produces roughly **18,273 MW** of electricity solely from solar energy projects. This output is used to **power 4.85% of the state**. Solar power has protected Texan homes and businesses by providing electricity during **recent summer heatwaves**, providing a reliable source of power and maintaining grid stability despite the extreme weather conditions.

How many projects are currently located in Texas?

There are currently **18,273 MW** worth of projects in Texas with **over 600 companies** helping to develop solar projects across the state. This number accounts for the number of utility grade and rooftop projects in the state.

Has solar energy created jobs in the state of Texas?

Solar energy has brought in over **11,000 jobs** to local communities across Texas. These jobs provide individuals with full-time opportunities to manufacture, install, and repair PV systems. Texas ranks 1st in national solar growth projection.

How much can Texans save on their energy bills by using solar power?

Texans save **around \$2,000 annually** on energy bills when they use an average-sized solar system in the state.

How much is Texas solar energy tax credit?

State tax credit and property tax exemptions for solar energy vary state by state. A **federal tax credit** exists for those who install solar panels at their residence or business. Texas does not offer a **statewide solar tax credit**.

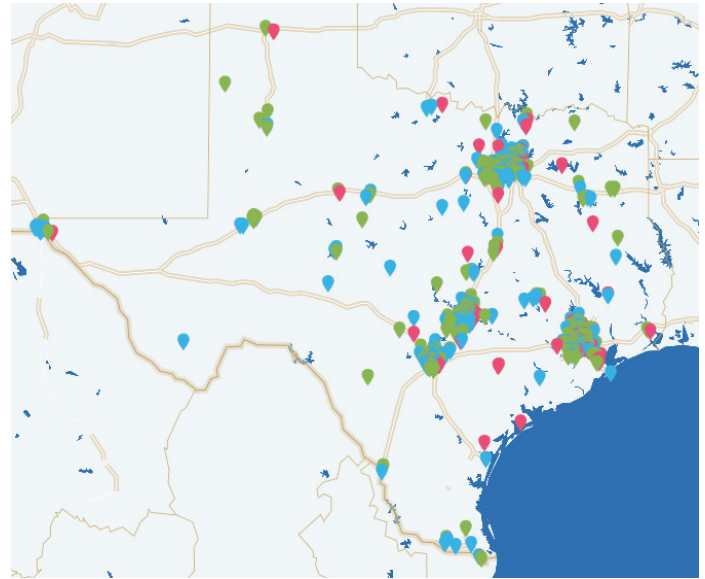


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Where are solar projects in Texas?

The following pictures provide a visual for the different types of solar projects in Texas. The map below shows where solar energy is being used the most. The marks on the map all indicate different forms of solar representation in the state:

- ♥ is for "Manufacturers"
- ♦ is for "Installers"
- ◆ is for "Other"



How long does the average solar project take to develop in Texas?

On average, the process to develop a solar project takes about **3 months** to construct a solar farm. However, zoning, permitting, and construction are all factors when considering the duration of a project. Variable factors such as community and local government can sometimes delay projects.

What is the future of solar energy and solar projects in Texas?

The state of Texas is expected to expand solar opportunities by adding an additional **4 GW of solar capacity** over the next 5 years. Opportunities to expand upon solar energy will create more economic opportunities at the state and local level for Texans. This includes, but is not limited to, expanded access to local jobs, increased funding for local school systems, and business expansion.



The Golden Buckle solar project (263 MW)
Brazoria County, Texas | Solar production began in February 2023
Source: Corporate Target