Texas

Total solar installed (MW)
18,801
3,658 MW in 2022

Growth projection over the next 5 years (MW)
40,579
Ranks 1st

Enough solar installed to power
2,241,062 homes

Percentage of state's electricity from solar
5.13%

635 solar companies are currently operating in Texas

104 manufacturers
246 installers/developers
285 other companies

Value of the state solar market
$22.7 billion with $4.8 billion invested in 2022

Price decline over the last ten years
43%

Ranks 2nd for total installed solar capacity

Learn more at seia.org/states

Texas Annual Solar Installations

[Graph showing annual solar installations from 2013 to 2022]

Learn more at seia.org/states

September 2023
Texas Ranks 2nd

More information about solar energy in Texas

- Prospero in Andrews was developed by Longroad Energy and came online in 2021. This 710.2 MW project produces enough electricity to power 86620 homes.

- Anheuser Busch, Davita, and Target have all gone solar in Texas. Anheuser Busch’s 290 MW RE Maplewood project in McCamey is one of the largest corporate solar projects in the state.

- At 344.1 MW, Taygete Energy Project in Coyanosa is among the largest solar installations in Texas. Completed by Swinerton Renewables in 2021, this solar project has enough electric capacity to power more than 41968 homes.

Solar Companies in Texas

References

All data from SEIA/Wood Mackenzie Power & Renewables, Solar Market Insight© unless otherwise noted: https://www.seia.org/smi


²Energy Information Administration, Electric Power Monthly: https://www.eia.gov/electricity/monthly/#generation

³SEIA, National Solar Database: https://www.seia.org/research-resources/national-solar-database