STATE SOLAR

Connecticut

Total solar installed (MW)
1,480.83
170.95 MW in 2023

Growth projection over the next 5 years (MW)
1,186.96
Ranks 35th

Enough solar installed to power
224,908 homes

Percentage of state's electricity from solar
4.03%

Value of the state solar market
$3.7 billion
$538 million invested in 2023

Price decline over the last ten years
47%

Solar jobs in the state
2,300
Ranked 29th in 2023

161 solar companies are currently operating in Connecticut
29 manufacturers
65 installers/developers
67 other companies

Connecticut Annual Solar Installations

Learn more at seia.org/states

March 2024
More information about solar energy in Connecticut

- Quinebaug Solar in Canterbury was developed by NextEra and came online in 2021. This 63.4 MW project produces enough electricity to power 100,057 homes.

- Walmart, Target and Macy’s have all gone solar in Connecticut. Macy’s 782 kW project in Meriden is one of the largest corporate projects in the state.

- At 31.2 MW, Fusion Solar Center in Baltic is among the largest solar installations in Connecticut. Completed by D.E. Shaw Renewable Investments (DESRI) in 2018, this solar project has enough electric capacity to power more than 49,499 homes.

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