Massachusetts

Total solar installed (MW)
4,236
295 MW in 2022

Growth projection over the next 5 years (MW)
1,815
Ranks 28th

Enough solar installed to power
739,908 homes

Percentage of state's electricity from solar
20.25%

502
solar companies are currently operating in Massachusetts

89 manufacturers
191 installers/developers
222 other companies

Value of the state solar market
$9.6 billion
with $642 million invested in 2022

Price decline over the last ten years
54%

Massachusetts Annual Solar Installations

- Residential
- Commercial
- Community Solar
- Utility

Learn more at seia.org/states

July 2023
More information about solar energy in Massachusetts

- Solterra Monastery Community Solar Garden in Spencer was developed by Clearway Energy Group and came online in 2016. This 20.1 MW project produces enough electricity to power 3712 homes.

- Walmart, Target, and Home Depot have all gone solar in Massachusetts. Walmart’s 9 MW Orchards project is one of the largest corporate projects in the state.

- At 10.4 MW, Dunstable Solar 1 in Dunstable is among the largest solar installations in Massachusetts. Completed by AES in 2021, this solar project has enough electric capacity to power more than 1921 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