STATE SOLAR

Massachusetts

- Total solar installed (MW): 4,376 (303 MW in 2022)
- Growth projection over the next 5 years (MW): 1,533 (Ranks 30th)
- Solar jobs in the state: 11,024 (Ranked 5th in 2022)
- Value of the state solar market: $9.9 billion with $658 million invested in 2022
- Price decline over the last ten years: 42%
- Percentage of state's electricity from solar: 24.48%
- Enough solar installed to power 777,005 homes
- 513 solar companies are currently operating in Massachusetts
  - 92 manufacturers
  - 197 installers/developers
  - 224 other companies

Massachusetts Annual Solar Installations

- Residential
- Commercial
- Community Solar
- Utility

Learn more at seia.org/states

December 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

2 Energy Information Administration, Electric Power Monthly: https://www.eia.gov/electricity/monthly/#generation
3 SEIA, National Solar Database: https://www.seia.org/research-resources/national-solar-database