Rhode Island

Total solar installed (MW) 967.24
226.13 MW in 2023

Growth projection over the next 5 years (MW) 808.55
Ranks 40th

Solar jobs in the state¹ 1,089
Ranked 35th in 2023

Enough solar installed to power 185,488 homes

Percentage of state’s electricity from solar² 11.78%

28 solar companies are currently operating in Rhode Island
10 manufacturers
11 installers/developers
7 other companies

Value of the state solar market $1.5 billion
$370 million invested in 2023

Price decline over the last ten years 47%

Rhode Island Annual Solar Installations

Learn more at seia.org/states

March 2024
Rhode Island Ranks 28th

More information about solar energy in Rhode Island

- University Solar in West Greenwich was developed by AES and came online in 2019. This 28.4 MW project produces enough electricity to power 5552 homes.

- Walmart, Target and Amazon have all gone solar in Rhode Island. Target’s 500 kW project in Smithfield is one of the largest corporate solar projects in the state.

- At 21.3 MW, Gold Meadow Farms in Cranston is among the largest solar installations in Rhode Island. Completed by Southern Sky Renewable Energy in 2019, this solar project has enough electric capacity to power more than 4164 homes.

Solar Companies in Rhode Island

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