Rhode Island

Key Figures

Total Solar Installed
576.3 MW
159.53 MW in 2021

National Ranking
31st
Ranks 24th in 2021

Solar Jobs
1,010
Ranks 35th in 2020

Growth Projection
443.44 MW over the next 5 years
Ranks 41st

Enough solar installed to power: 104,564 homes

Percentage of state's electricity from solar: 9.01%

Price decline over the last ten years: 50%

There are 27 solar companies operating in Rhode Island.

9 Manufacturers

11 Installers/Developers

7 Others

The solar industry has invested $909.59 million in Rhode Island, including $248.26 million in 2021

Rhode Island Annual Solar Installations

Learn more at www.seia.org/states
More information about solar energy in Rhode Island

- East Providence Landfill Solar Array has the capacity to generate 3.7 MW of electricity -- enough to power over 655 Rhode Island homes.

- Target is one of the first major corporations to go solar in Rhode Island with its 0.148 MW project in Warwick.

- At 3 MW, Forbes Street Solar in East Providence is among the largest solar installations in Rhode Island. Completed in 2013 by Hecate Energy and CME Energy, this photovoltaic project has enough electric capacity to power more than 655 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


The Solar Energy Industries Association® (SEIA) is leading the transformation to a clean energy economy, creating the framework for solar to achieve 30% of U.S. electricity generation by 2030. SEIA works with its 1,000 member companies and other strategic partners to fight for policies that create jobs in every community and shape fair market rules that promote competition and the growth of reliable, low-cost solar power. Founded in 1974, SEIA is the national trade association for the solar and solar + storage industries, building a comprehensive vision for the Solar+ Decade through research, education and advocacy.