WASHINGTON

Total solar installed (MW)
627
286 MW in 2022

Growth projection over the next 5 years (MW)
1,758
Ranks 27th

Enough solar installed to power 62,842 homes

Percentage of state's electricity from solar² 0.55%

151 solar companies are currently operating in Washington³

31 manufacturers
63 installers/developers
57 other companies

Value of the state solar market $1.5 billion
with $455 million invested in 2022

Price decline over the last ten years 43%

Washington Annual Solar Installations

Learn more at seia.org/states

September 2023
Washington Ranks 34th

More information about solar energy in Washington

- Adams Nielson in Lind was developed by Strata Solar and came online in 2018. This 28 MW project produces enough electricity to power 3053 homes.

- IKEA, Walmart, and FedEx have all gone solar in Washington. IKEA’s 1.2 MW project in Renton is one of the largest corporate projects in the state.

- At 6.4 MW, Penstemon Solar Project in Ellensburg is among the largest solar installations in Washington. Completed by TUUSO Energy in 2022, this solar project has enough electrical capacity to power more than 698 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