STATE SOLAR

Washington

Total solar installed (MW)
604
286 MW in 2022

Growth projection over the next 5 years (MW)
↑ 1,707
Ranks 29th

Enough solar installed to power
60,249 homes

Percentage of state's electricity from solar²
0.49%

Price decline over the last ten years
54%

Solar jobs in the state¹
4,107
Ranked 20th in 2021

148 solar companies are currently operating in Washington³

30 manufacturers
62 installers/developers
56 other companies

Value of the state solar market
$1.4 billion
with $455 million invested in 2022

Washington Annual Solar Installations

Learn more at seia.org/states

July 2023
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 electric 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