

STATE SOLAR

spotlight

Alaska

Ranks
50th
for total installed
solar capacity

Total solar installed (MW)

29.88

11.90 MW in 2023

Growth projection over
the next 5 years (MW)

41.03

Ranks 51st



Solar jobs in the state¹

74

Ranked 51st in 2023



Enough solar
installed to power

3,646
homes

Percentage of state's
electricity from solar²

0.38%



16

solar companies are
currently operating in
Alaska



1
manufacturers



7
installers/developers



8
other companies

Value of the state solar market

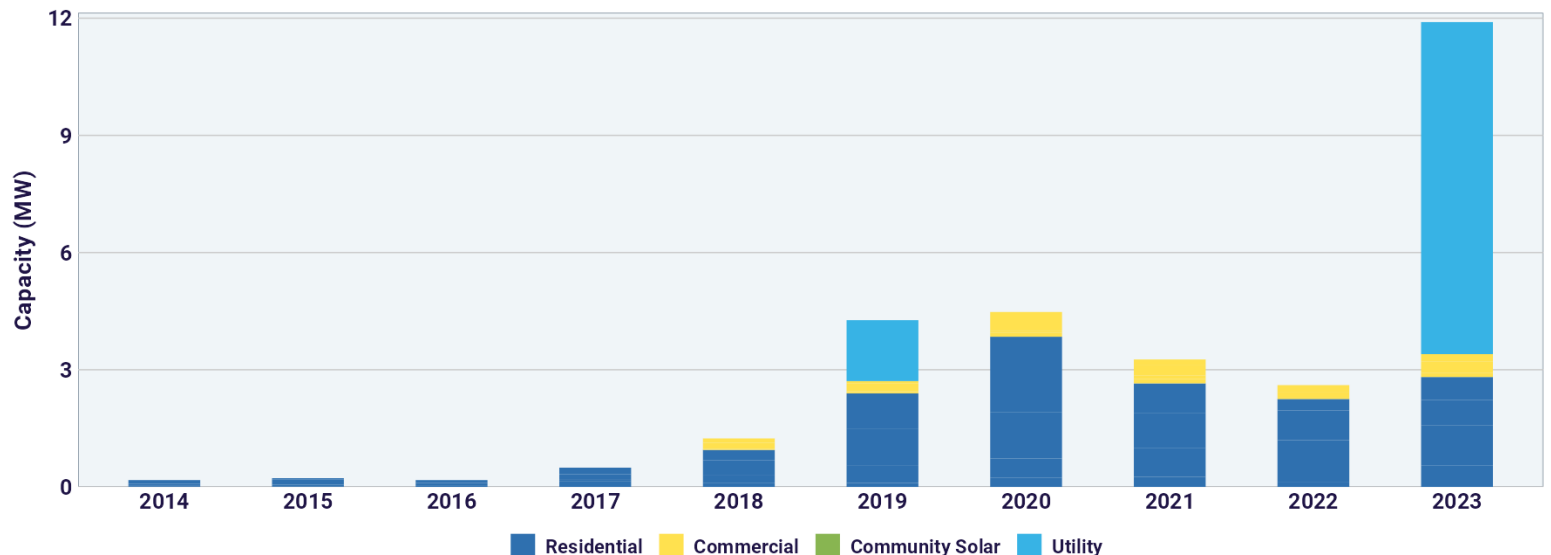
\$68
million

\$19 million invested in 2023

Price decline over
the last ten years

43%

Alaska Annual Solar Installations



STATE SOLAR *spotlight*

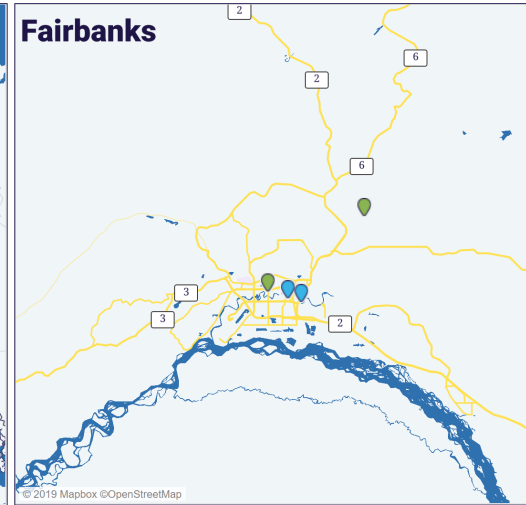
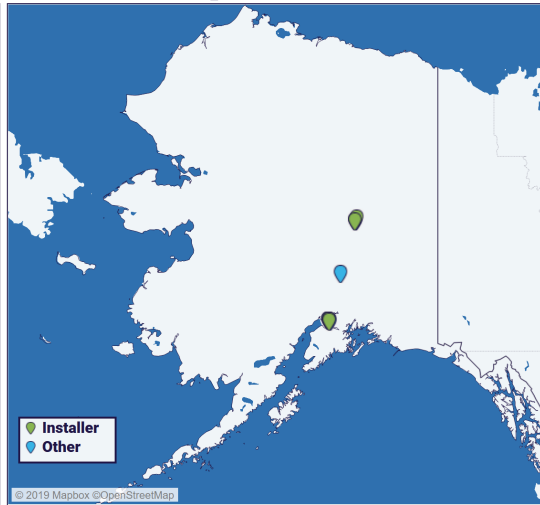
Alaska

Ranks
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More information about solar energy in Alaska

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Solar Companies in Alaska



References

All data from SEIA/Wood Mackenzie Power & Renewables, Solar Market Insight© unless otherwise noted: <https://www.seia.org/smi>

¹National Solar Jobs Census 2023: <https://irecusa.org/programs/solar-jobs-census/>

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>

⁴SEIA, Solar Project Tracker (includes Solar Means Business: <https://www.solarmeanbusiness.com>, Major Solar Projects List: <https://www.seia.org/research-resources/major-solar-projects-list> and Solar in Schools: <https://www.seia.org/research-resources/brighter-future-study-solar-us-schools-0>)