

STATE SOLAR

spotlight

Iowa

Ranks
35th
for total installed
solar capacity

Total solar installed (MW)

601.13

58.07 MW in 2023

Growth projection over
the next 5 years (MW)

1,376.94

Ranks 31st



Solar jobs in the state¹

886

Ranked 39th in 2023



Enough solar
installed to power

76,085 homes

Percentage of state's
electricity from solar²

1.29%



81

solar companies are
currently operating in
Iowa



12

manufacturers



41

installers/developers



28

other companies

Value of the state solar market

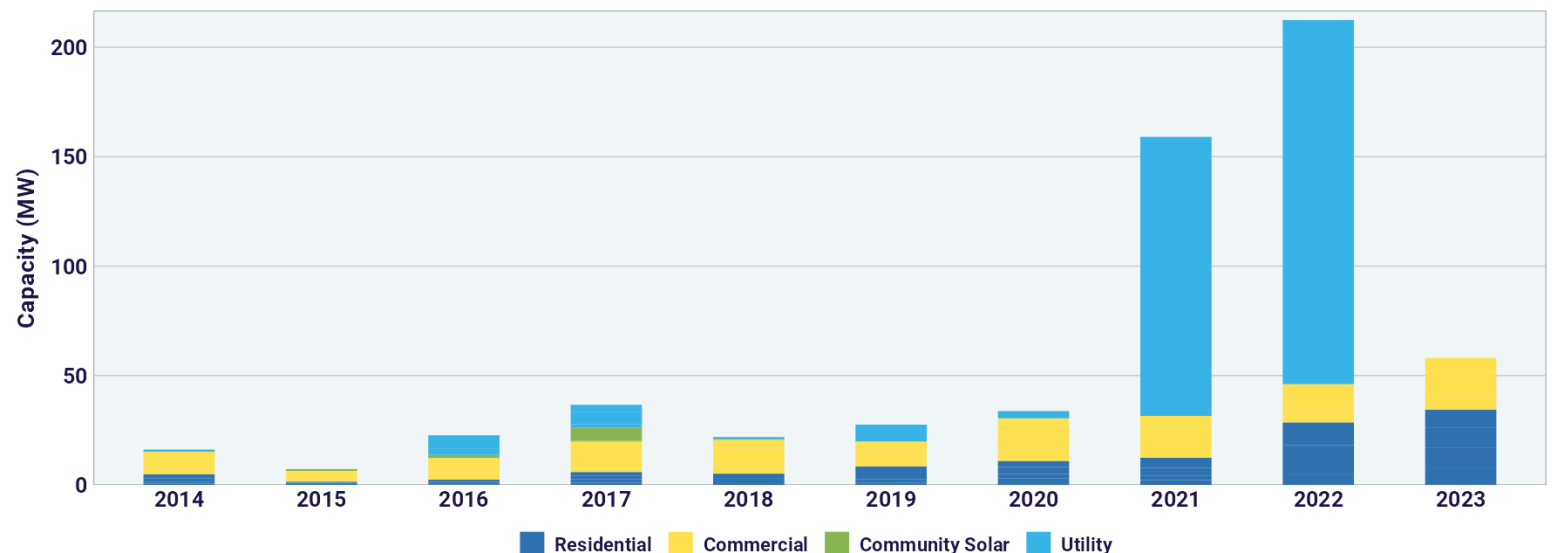
\$970 million

\$155 million invested in 2023

Price decline over
the last ten years

47%

Iowa Annual Solar Installations



STATE SOLAR *spotlight*

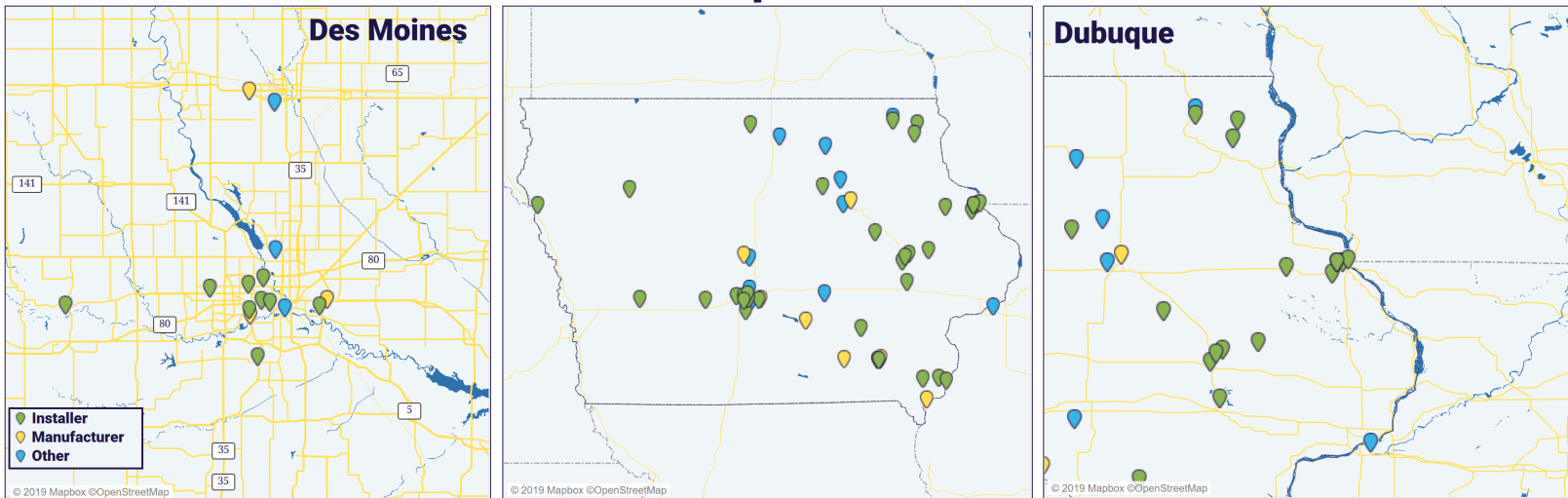
Iowa

Ranks
35th

More information about solar energy in Iowa

- Wapello Solar in Wapello was developed by Clenera and came online in 2021. This 128 MW project produces enough electricity to power 16605 homes.
- At 1 MW, Strawberry Point is among the largest solar installations in Iowa. Completed in 2017, this photovoltaic project has enough electric capacity to power more than 154 homes.
- At 31.8 MW, Arbor Hill Solar in Greenfield is among the largest solar installations in Iowa. Completed by EDF Renewables in 2022, this solar project has enough electric capacity to power more than 4125 homes.

Solar Companies in Iowa



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.solarmeansbusiness.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>