

STATE SOLAR

spotlight

Alabama

Ranks
32nd
for total installed
solar capacity

Total solar installed (MW)

823.20

235.00 MW in 2023

Growth projection over
the next 5 years (MW)

1,475.58

Ranks 37th



Solar jobs in the state¹

716

Ranked 41st in 2023



Enough solar
installed to power

90,119
homes

Percentage of state's
electricity from solar²

0.87%



45

solar companies are
currently operating in
Alabama



18

manufacturers



15

installers/developers



12

other companies

Value of the state solar market

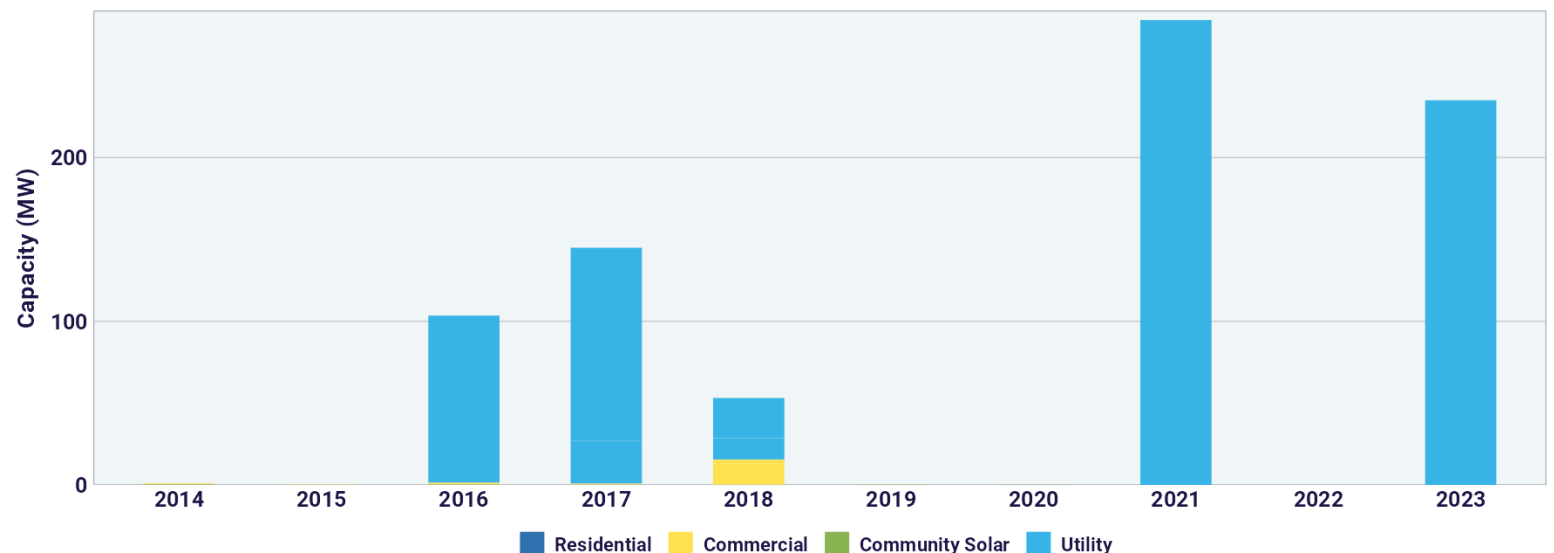
\$856
million

\$232 million invested in 2023

Price decline over
the last ten years

43%

Alabama Annual Solar Installations



STATE SOLAR *spotlight*

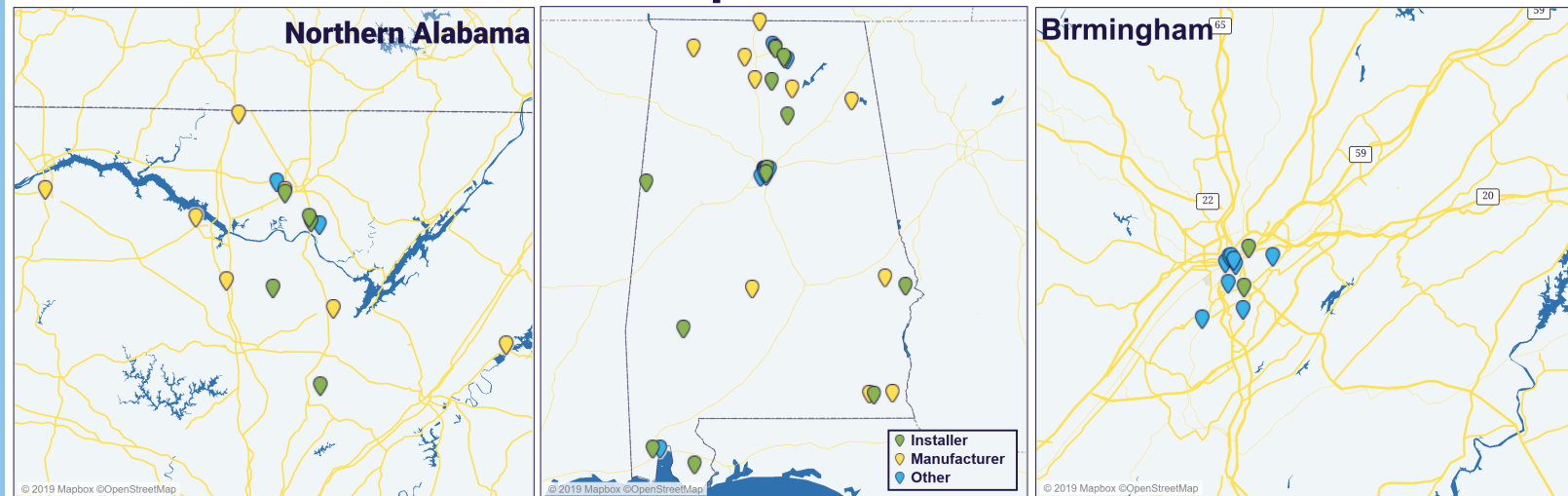
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More information about solar energy in Alabama

- Muscle Shoals in Cherokee was developed by Orsted and came online in 2021. This 294 MW project produces enough electricity to power 32334 homes.
- Meta, Walmart and Toyota have all gone solar in Alabama. Meta's 294 MW Colbert County Solar project in Cherokee is the largest corporate project in the state.
- At 127.3 MW, Black Bear Solar 1 in Montgomery is among the largest solar installations in Alabama. Completed by Lightsource bp in 2017, this solar project has enough electric capacity to power more than 14000 homes.

Solar Companies in Alabama



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>