

STATE SOLAR *spotlight*

Alabama

Ranks
33rd
for total installed
solar capacity

Total solar installed (MW)

823.2

235 MW in 2023

Growth projection over
the next 5 years (MW)

1,435.13

Ranks 35th



Solar jobs in the state¹

716

Ranked 41st in 2023



Enough solar
installed to power

88,722
homes

Percentage of state's
electricity from solar²

0.85%



45

solar companies are
currently operating in
Alabama



18
manufacturers



15
installers/developers



12
other companies

Value of the state solar market

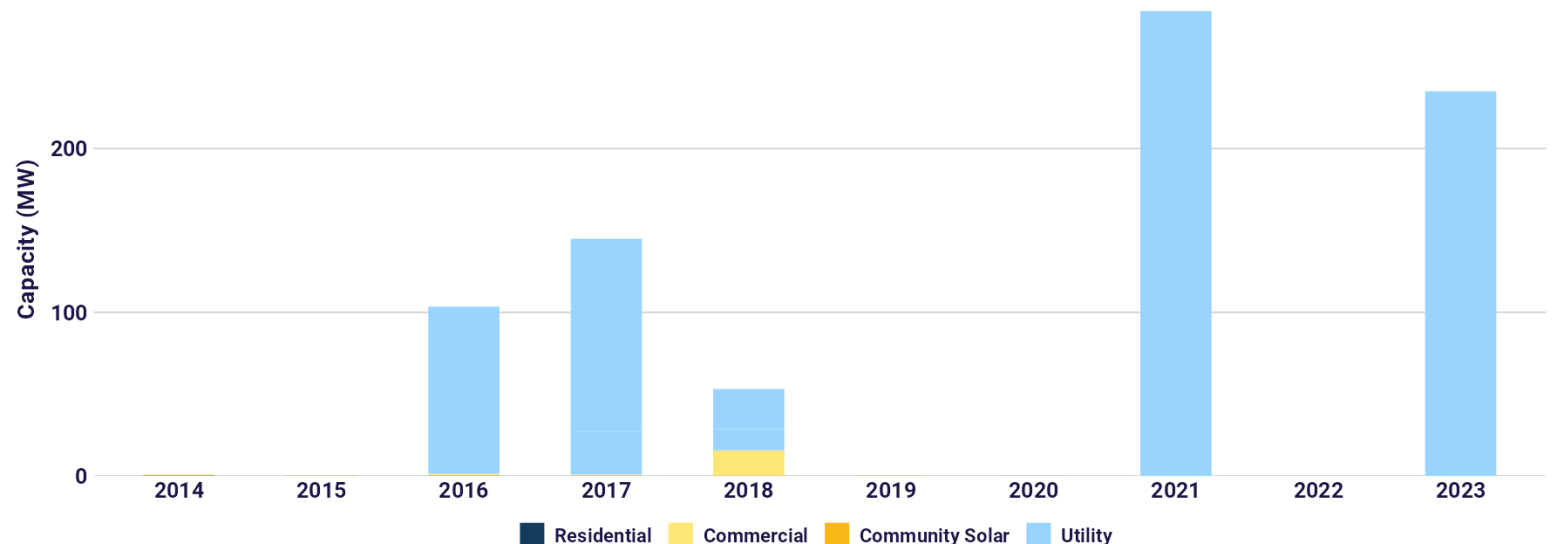
\$856
million

\$232 million invested in 2023

Price decline over
the last ten years

43%

Alabama Annual Solar Installations



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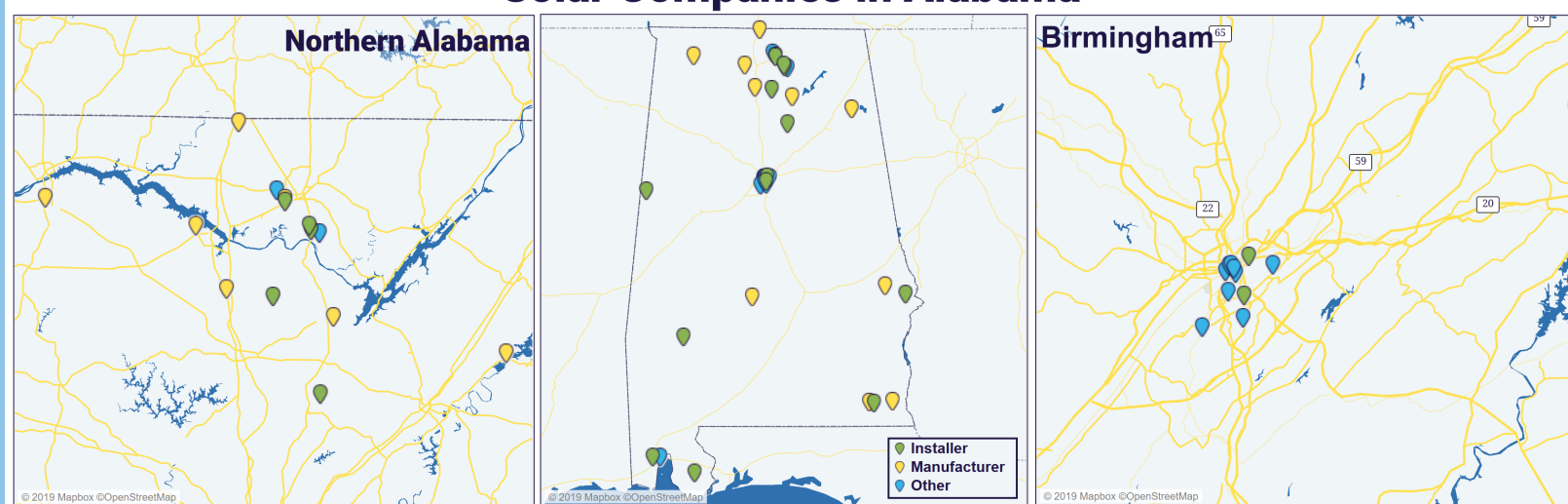
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More information about solar energy Alabama

- 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>

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>