

# STATE SOLAR *spotlight*

## Alabama

Ranks  
**34th**  
for total installed  
solar capacity

Total solar installed (MW)

**862.16**

235.00 MW in 2023

Growth projection over  
the next 5 years (MW)

**1,510.13**

Ranks 37th



Solar jobs in the state<sup>1</sup>

**757**

Ranked 41st in 2023



Enough solar  
installed to power

**94,141**  
homes

Percentage of state's  
electricity from solar<sup>2</sup>

**0.87%**



**45**

solar companies are  
currently operating in  
Alabama



**18**  
manufacturers



**15**  
installers/developers



**12**  
other companies

Value of the state solar market

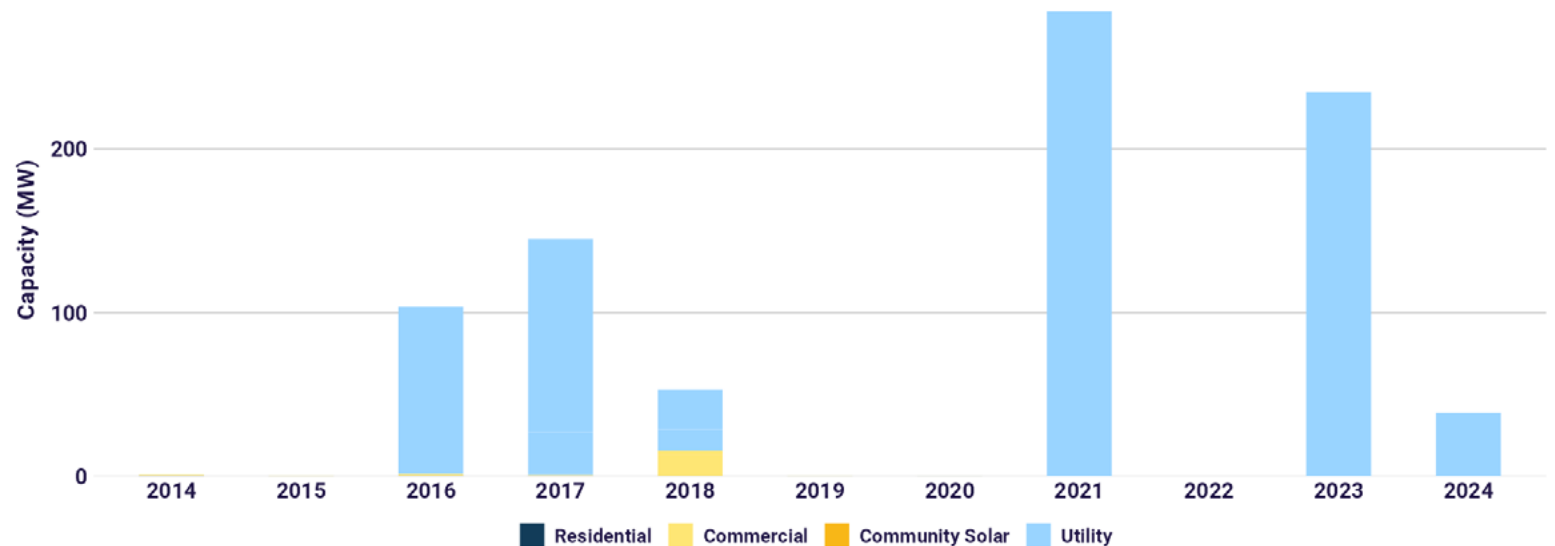
**\$912**  
million

\$244 million invested in 2023

Price decline over  
the last ten years

**37%**

Alabama Annual Solar Installations



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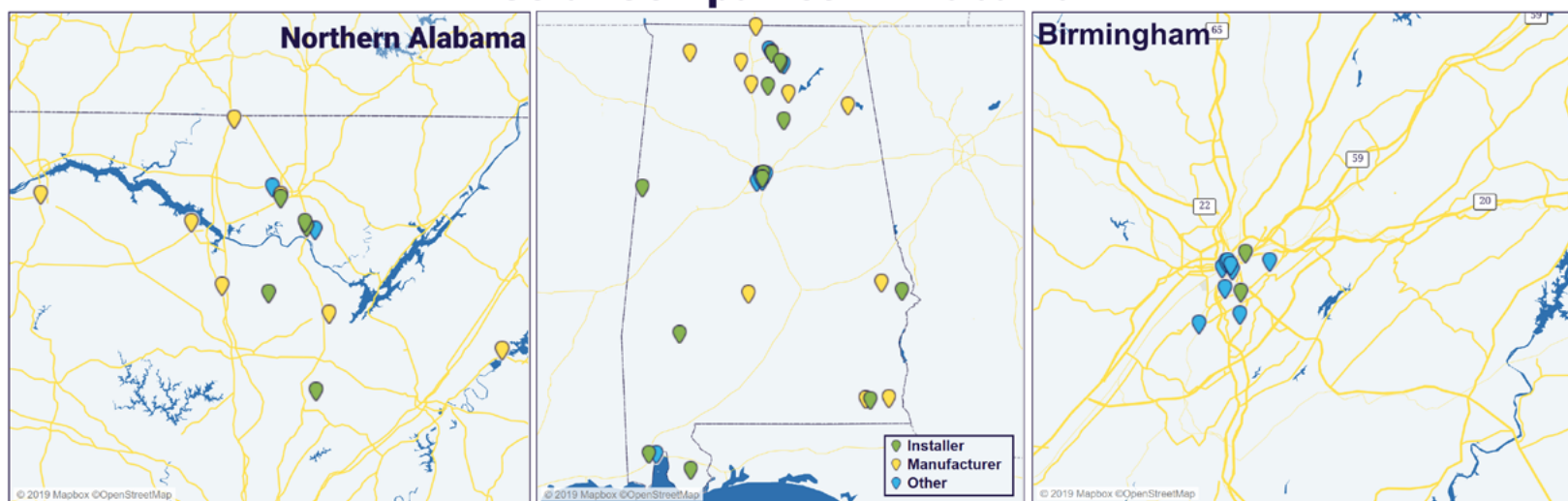
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### More information about solar energy Alabama

- 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>

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

<sup>2</sup>Energy Information Administration, Electric Power Monthly: <https://www.eia.gov/electricity/monthly/#generation>

<sup>4</sup>SEIA, 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>