Alabama

- Total solar installed (MW): 813
  - 0 MW in 2022
- Growth projection over the next 5 years (MW): 1,418
  - Ranks 32nd
- Solar jobs in the state: 716
  - Ranked 41st in 2022
- Enough solar installed to power: 91,056 homes
- Percentage of state’s electricity from solar: 0.69%
- Value of the state solar market: $839 million
  - with $0 million invested in 2022
- Price decline over the last ten years: 43%
- 41 solar companies are currently operating in Alabama
  - 17 manufacturers
  - 14 installers/developers
  - 10 other companies

Alabama Annual Solar Installations

- Residential
- Commercial
- Community Solar
- Utility

Learn more at seia.org/states

September 2023
Alabama

Ranks 29th

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 32,334 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 14,000 homes.

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