

STATE SOLAR

spotlight

Tennessee

Ranks
30th
for total installed
solar capacity

Total solar installed (MW)

889.44

205.97 MW in 2023

Growth projection over
the next 5 years (MW)

1,595.57

Ranks 28th



Solar jobs in the state¹

4,347

Ranked 18th in 2023



Enough solar
installed to power

95,018
homes

Percentage of state's
electricity from solar²

1.32%



142

solar companies are
currently operating in
Tennessee



37
manufacturers



61
installers/developers



44
other companies

Value of the state solar market

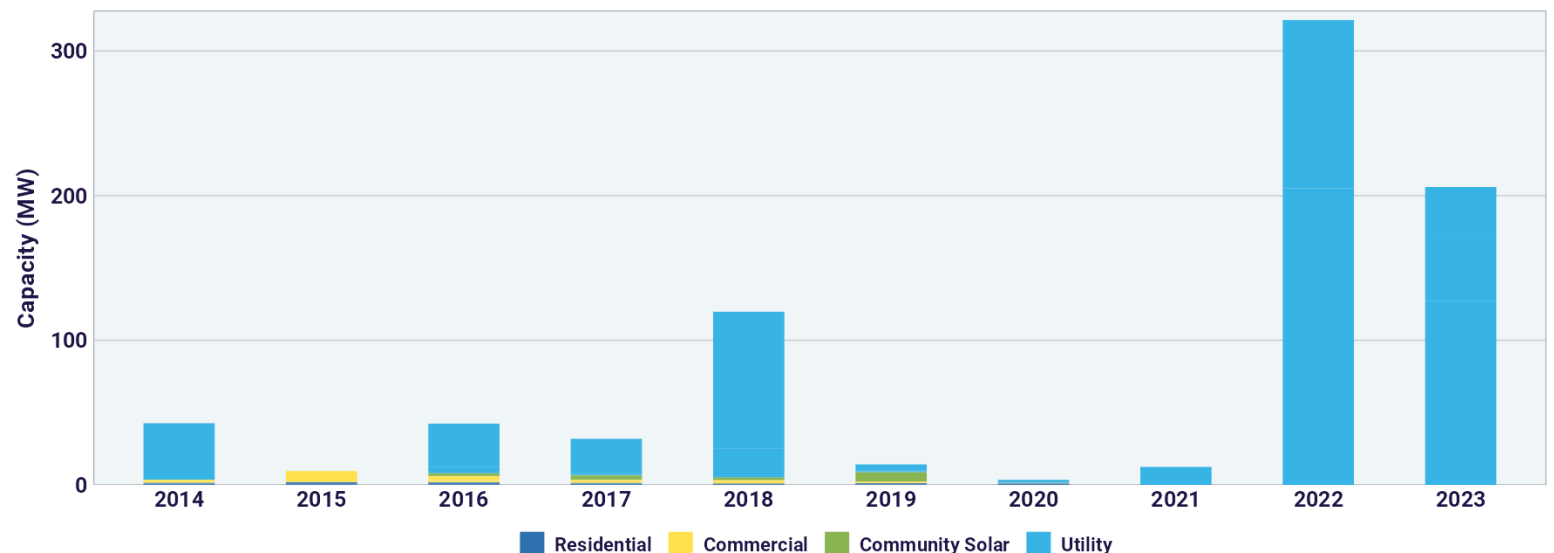
\$1.2
billion

\$208 million invested in 2023

Price decline over
the last ten years

47%

Tennessee Annual Solar Installations



STATE SOLAR *spotlight*

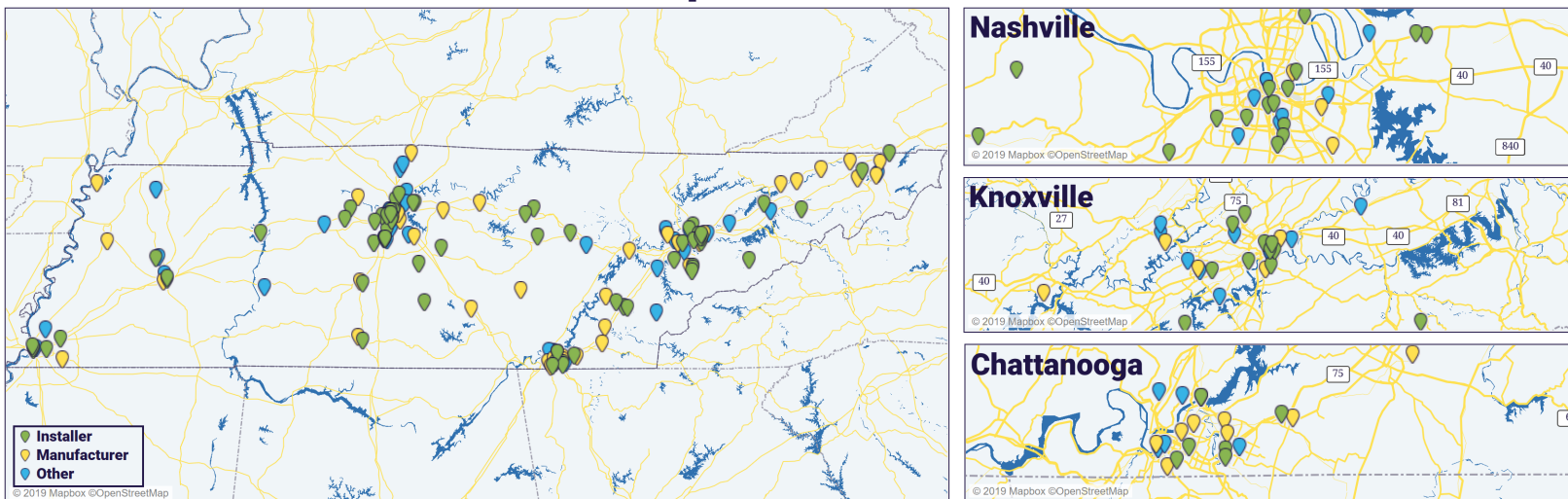
Tennessee

Ranks
30th

More information about solar energy in Tennessee

- Elora Solar in Elora was developed by NextEra and came online in 2022. This 191 MW project produces enough electricity to power 19760 homes.
- Meta, Volkswagen, and IKEA have all gone solar in Tennessee. Volkswagen's 10 MW solar project in Chattanooga is the largest on-site corporate solar projects in the state.
- At 70 MW, Millington Solar Farm in Millington is among the largest solar installations in Tennessee. Completed by Silicon Ranch in 2018, this solar project has enough electric capacity to power more than 7242 homes.

Solar Companies in Tennessee



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>