

# STATE SOLAR *spotlight*

## Tennessee

Ranks  
**33rd**  
for total installed  
solar capacity

Total solar installed (MW)

**896.59**

206.71 MW in 2023

Growth projection over  
the next 5 years (MW)

**1,729.23**

Ranks 32nd



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

**5,199**

Ranked 18th in 2023



Enough solar  
installed to power

**92,911**  
homes

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

**1.49%**



**150**

solar companies are  
currently operating in  
Tennessee



**37**  
manufacturers



**67**  
installers/developers



**46**  
other companies

Value of the state solar market

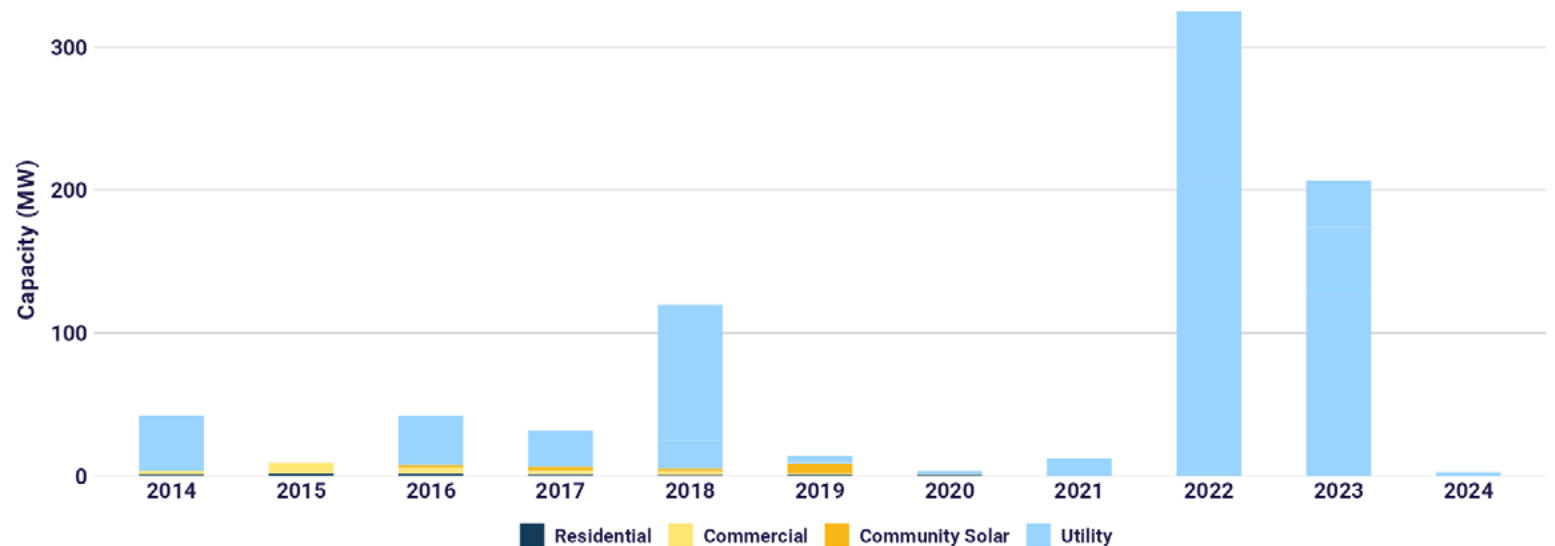
**\$1.2**  
billion

\$221 million invested in 2023

Price decline over  
the last ten years

**37%**

Tennessee Annual Solar Installations



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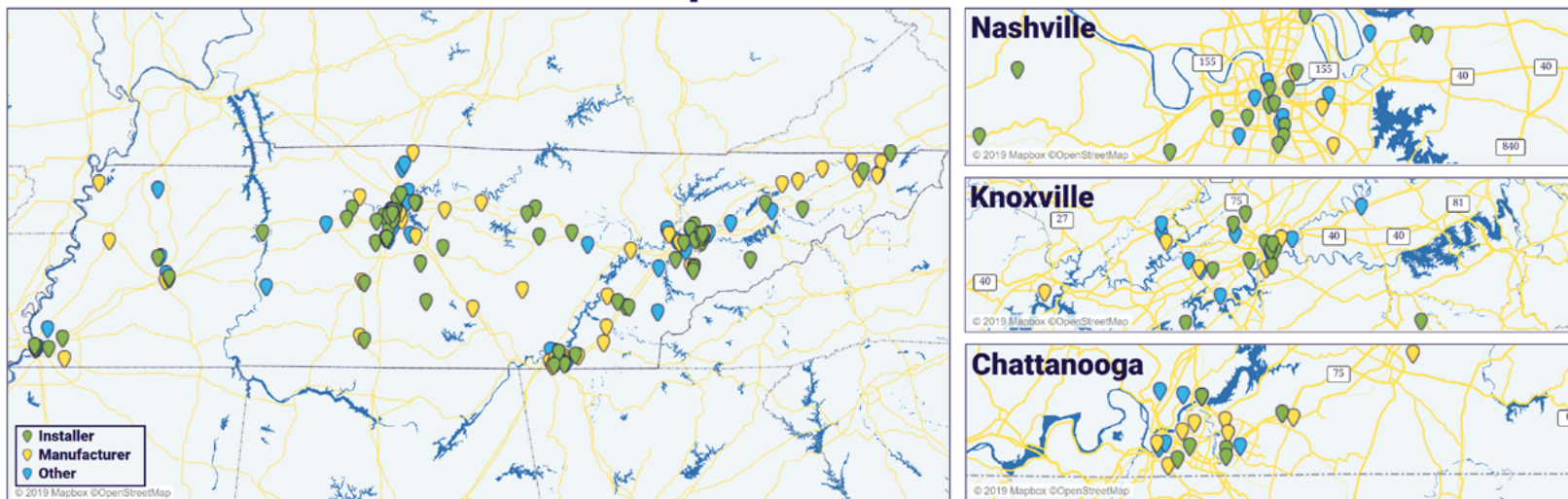
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### More information about solar energy Tennessee

- 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 Chatanooga 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>

<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.solarmeanbusiness.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>