

STATE SOLAR *spotlight*

Kentucky

Ranks
38th
for total installed
solar capacity

Total solar installed (MW)

513.36

95.90 MW in 2023

Growth projection over
the next 5 years (MW)

4,460.81

Ranks 16th



Solar jobs in the state¹

1,701

Ranked 32nd in 2023



Enough solar
installed to power

54,201
homes

Percentage of state's
electricity from solar²

0.53%



48

solar companies are
currently operating in
Kentucky



13
manufacturers



14
installers/developers



21
other companies

Value of the state solar market

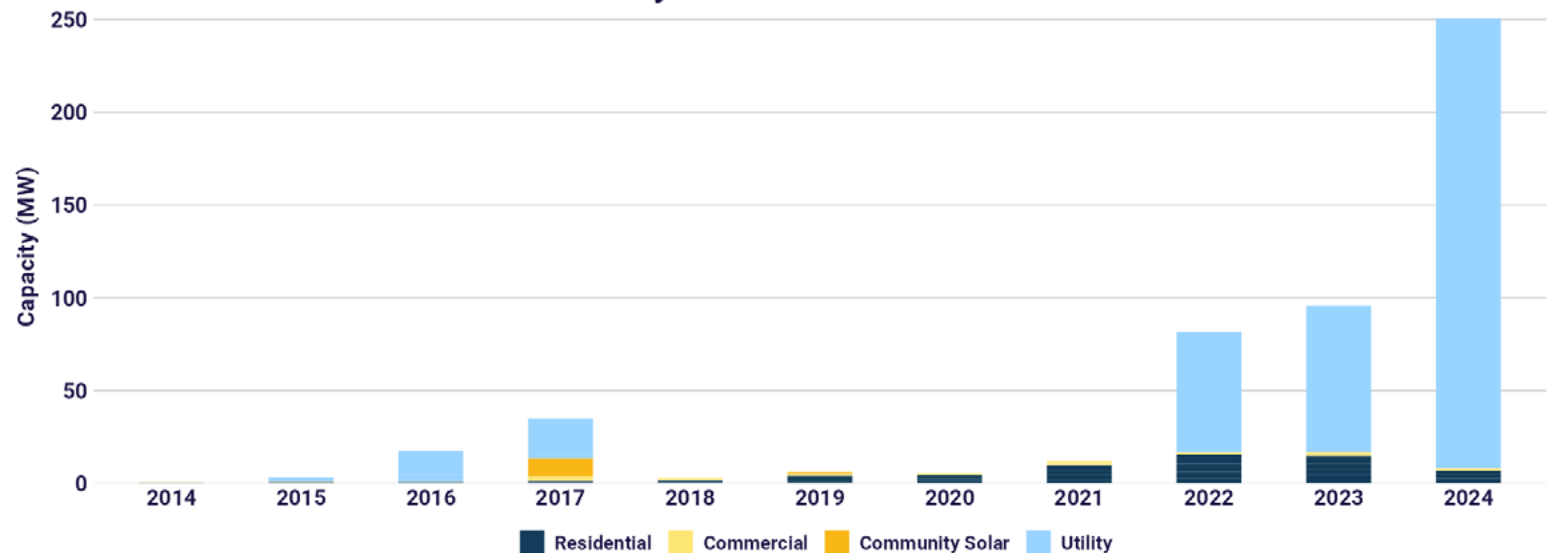
\$722
million

\$145 million invested in 2023

Price decline over
the last ten years

37%

Kentucky Annual Solar Installations



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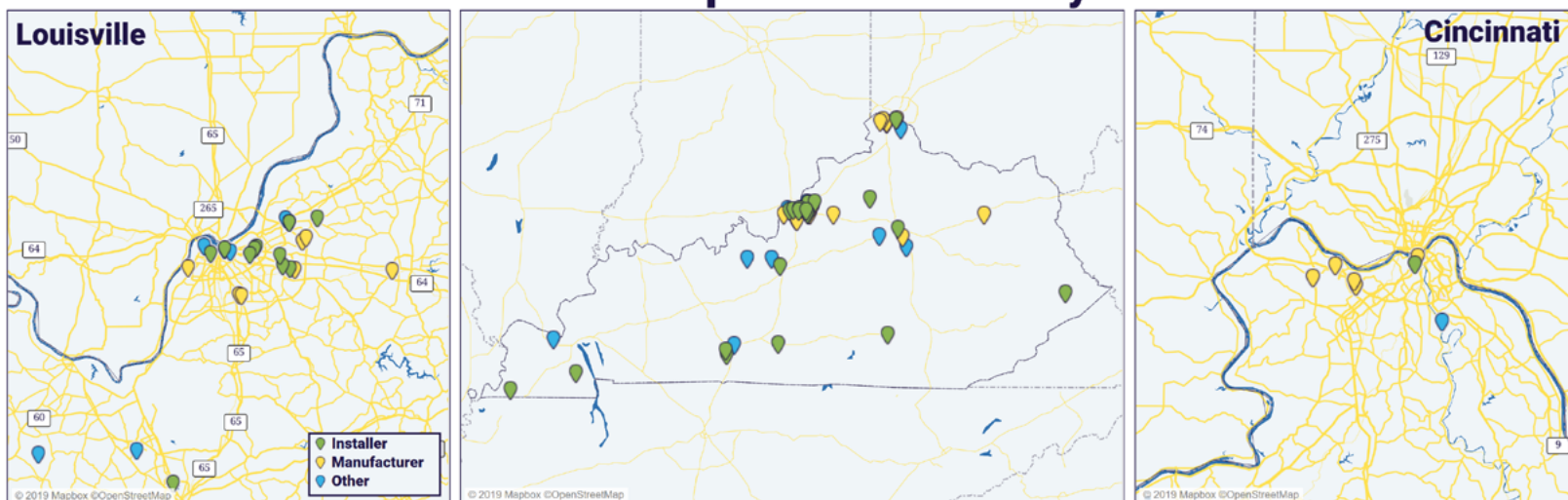
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More information about solar energy Kentucky

- Crittenden Solar Facility in Dry Ridge was developed by Duke Energy and came online in 2017. This 3.8 MW project produces enough electricity to power 399 homes.
- L'Oreal, Brookfield Properties Retail, and General Motors have all gone solar in Kentucky. L'Oreal's 1.5 MW project in Florence is one of the largest corporate projects in the state.
- At 14.1 MW, E W Brown in Harrodsburg is among the largest solar installations in Kentucky. Completed by Louisville Gas & Electric in 2016, this solar project has enough electric capacity to power more than 1481 homes.

Solar Companies in Kentucky



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.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>