

# STATE SOLAR

spotlight

## Kentucky

Ranks  
**45th**  
for total installed  
solar capacity

Total solar installed (MW)

**190.82**

20.35 MW in 2023

Growth projection over  
the next 5 years (MW)

**3,653.42**

Ranks 17th



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

**1,595**

Ranked 32nd in 2023



Enough solar  
installed to power

**19,913**  
homes

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

**0.45%**



**48**

solar companies are  
currently operating in  
Kentucky



**13**

manufacturers



**14**

installers/developers



**21**

other companies

Value of the state solar market

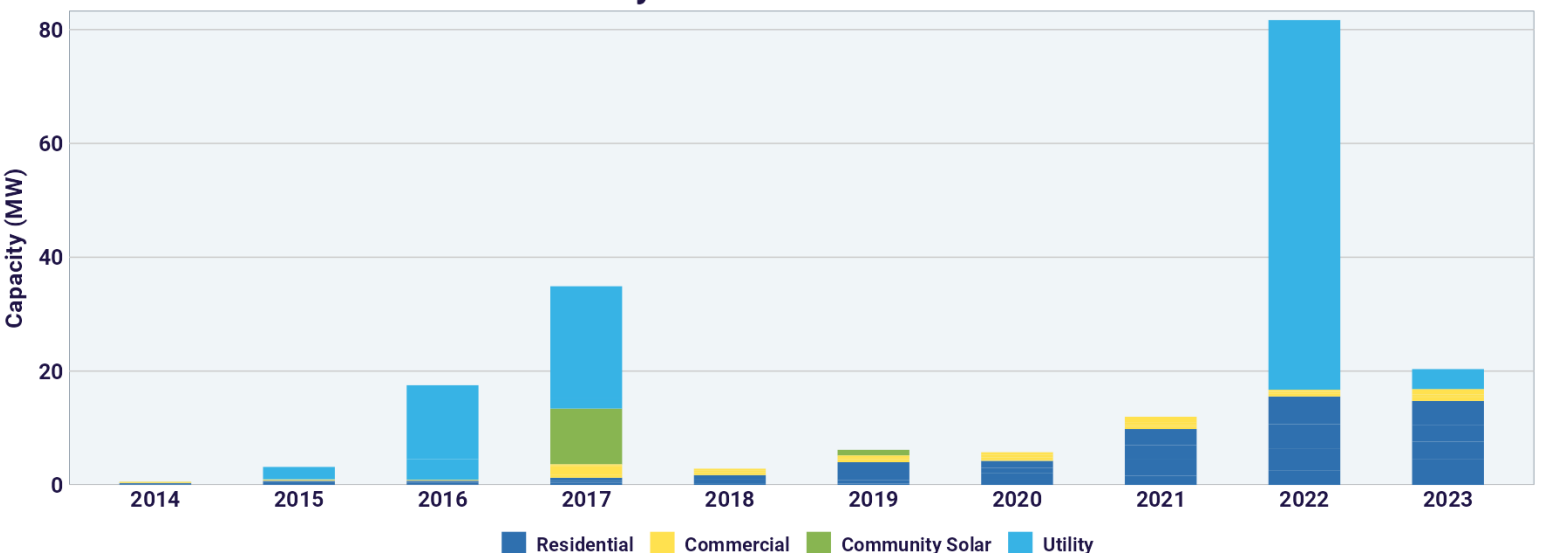
**\$346**  
million

\$57 million invested in 2023

Price decline over  
the last ten years

**43%**

### Kentucky Annual Solar Installations



# STATE SOLAR *spotlight*

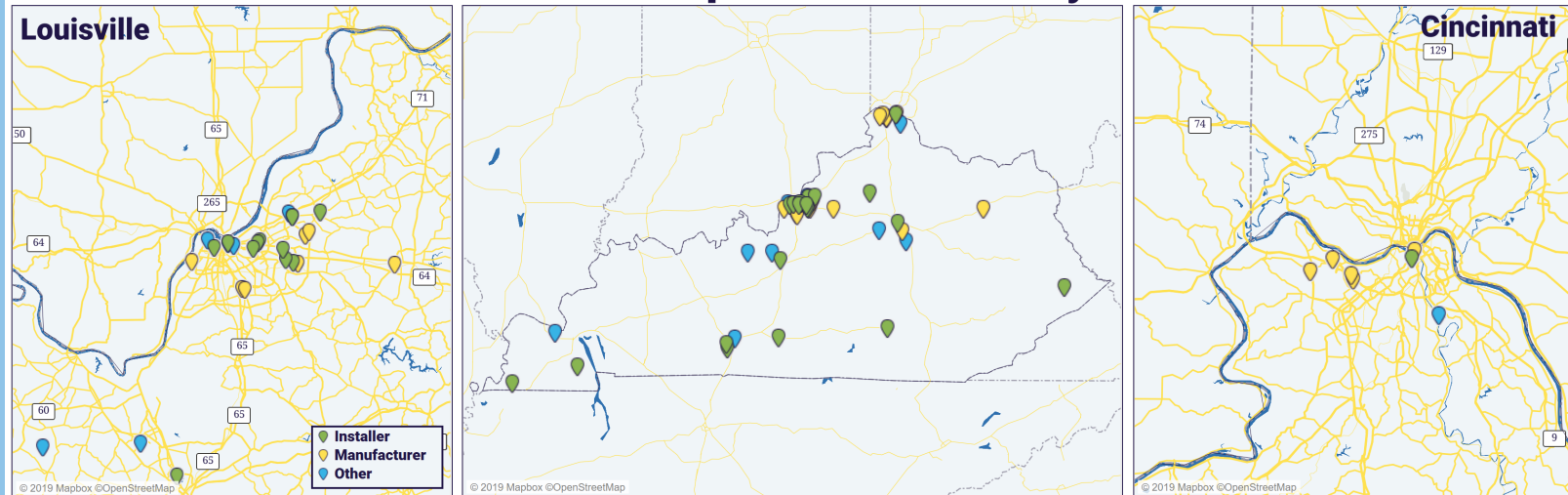
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### More information about solar energy in Kentucky

- 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>

<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>3</sup>SEIA, National Solar Database: <https://www.seia.org/research-resources/national-solar-database>

<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>