STATE SOLAR *spotlight*

Kentucky

Ranks **46th** *for total installed solar capacity*

Total solar installed (MW)

82.6

12 MW in 2021

Growth projection over the next 5 years (MW)

1,743

Ranks 28th

Solar jobs in the state[1]

1,485

Ranked 33rd in 2021

Enough solar installed to power

8,035 homes

Percentage of state's electricity from solar[2]

0.22%

47 solar companies are currently operating in Kentucky[3]

- **14** manufacturers
- **10** installers/developers
- **23** other companies

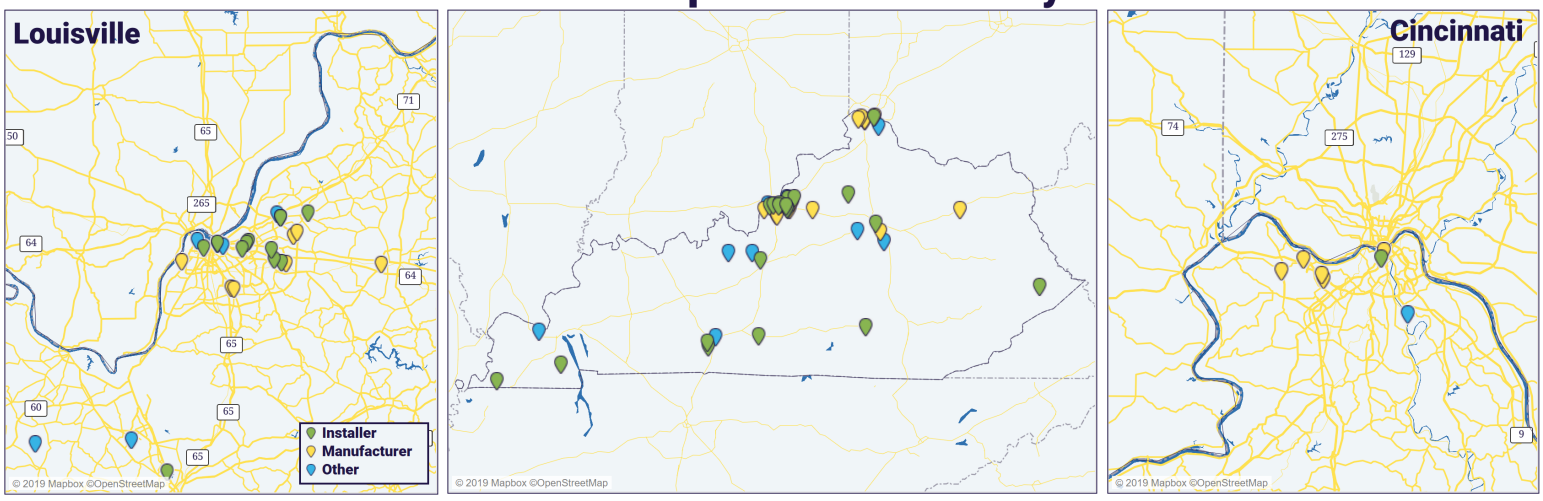
Value of the state solar market **$178 million**

with $32.96 million invested in 2021

Price decline over the last ten years

52%

Solar Companies in Kentucky



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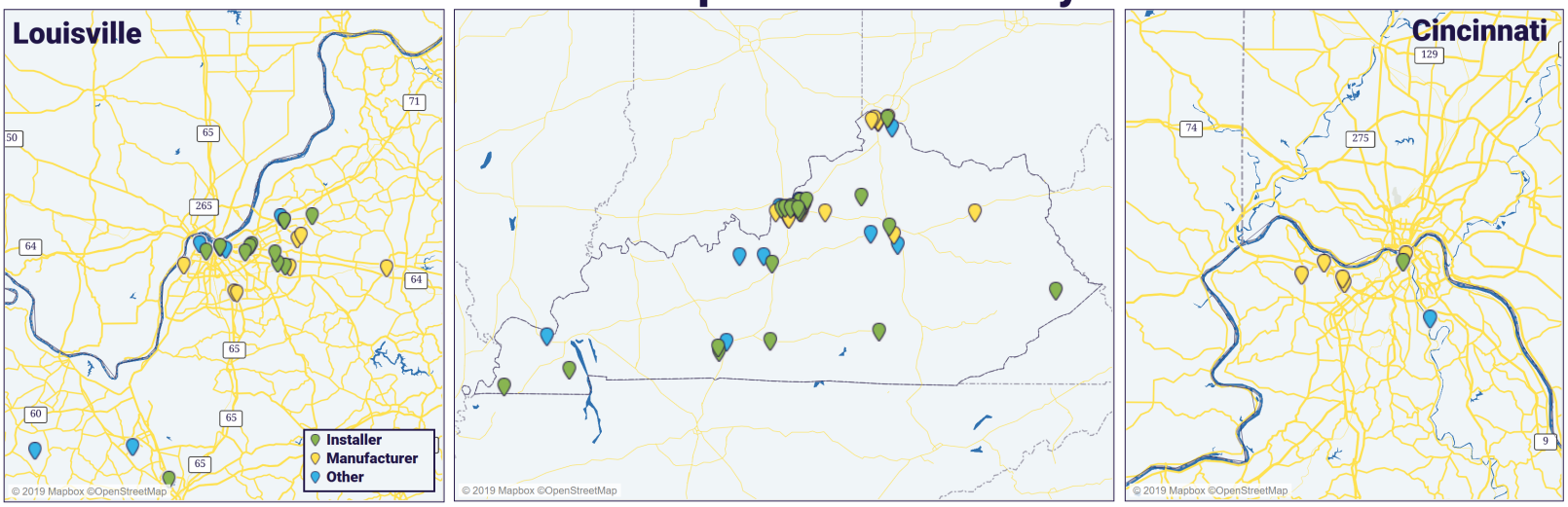
More information about solar energy in Kentucky[4]

- 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

[1]National Solar Jobs Census 2020: https://www.seia.org/research-resources/national-solar-jobs-census-2020

[2]Energy Information Administration, Electric Power Monthly: https://www.eia.gov/electricity/monthly/#generation

[3]SEIA, National Solar Database: https://www.seia.org/research-resources/national-solar-database

[4]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

SEIA Solar Energy Industries Association®