STATE SOLAR *spotlight*

Kentucky

Ranks
43rd
for total installed
solar capacity

Total solar installed (MW)
165
86 MW in 2022

Growth projection over
the next 5 years (MW)
↗ **3,331**
Ranks 17th

Solar jobs in the state[1]
1,595
Ranked 32nd in 2022

Enough solar
installed to power
**17,273
homes**

50
solar companies are
currently operating in
Kentucky[3]

15 manufacturers

15 installers/developers

20 other companies

Value of the
state solar
market
**$286
million**
*with $116
million invested in 2022*

Percentage of state's
electricity from solar[2]
0.32%

Price decline over
the last ten years
43%

Kentucky Annual Solar Installations

Capacity (MW) — years 2013 through 2022

Legend: ■ Residential ■ Commercial ■ Community Solar ■ Utility
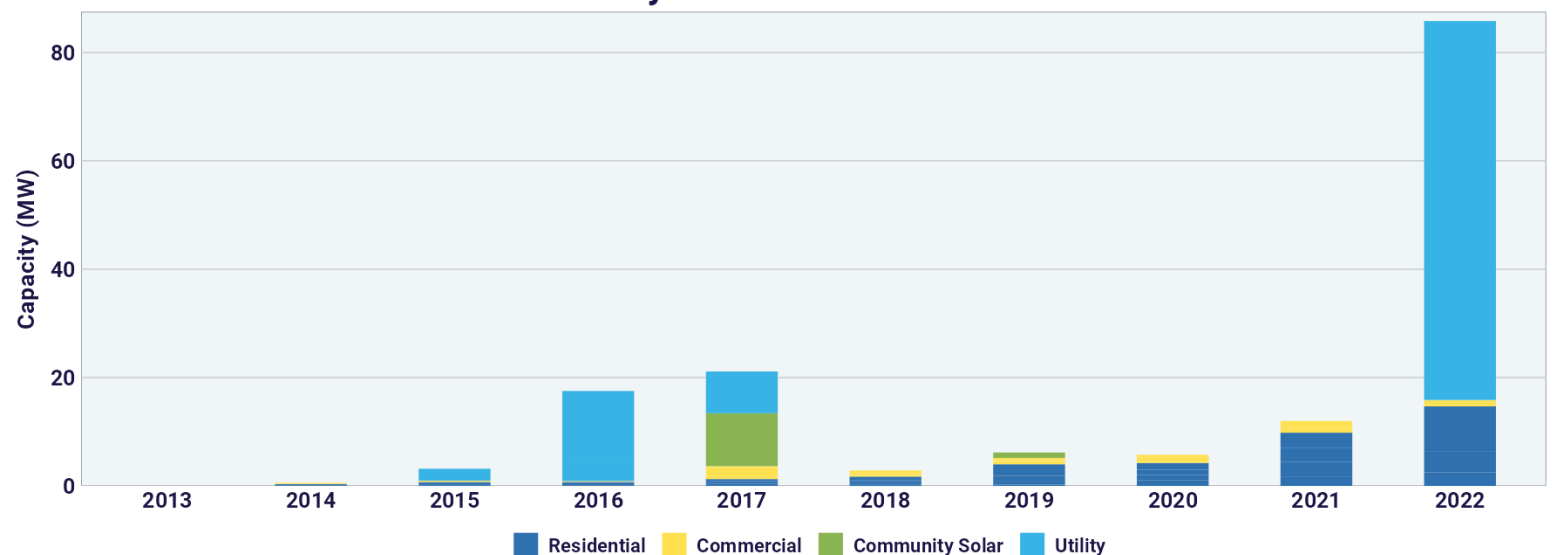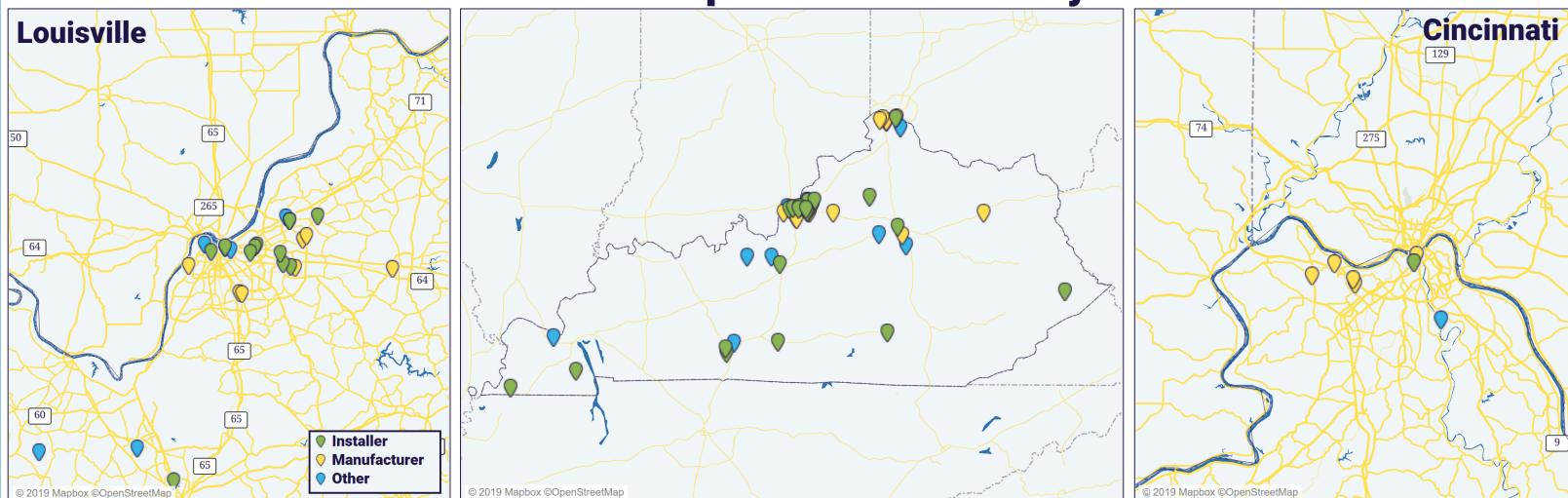
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More information about solar energy in Kentucky[4]

- 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

Louisville

- Installer
- Manufacturer
- Other

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Cincinnati

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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 2022: https://irecusa.org/programs/solar-jobs-census/

[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®