Kentucky

Total solar installed (MW)

162
86 MW in 2022

Growth projection over the next 5 years (MW)

2,333
Ranks 21st

Enough solar installed to power

16,577 homes

Percentage of state's electricity from solar

0.27%

47 solar companies are currently operating in Kentucky

15 manufacturers

14 installers/developers

18 other companies

Value of the state solar market

$276 million with $116 million invested in 2022

Price decline over the last ten years

54%

Kentucky Annual Solar Installations

Learn more at seia.org/states

July 2023
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.

References
All data from SEIA/Wood Mackenzie Power & Renewables, Solar Market Insight© unless otherwise noted: https://www.seia.org/smi

2Energy Information Administration, Electric Power Monthly: https://www.eia.gov/electricity/monthly/#generation
3SEIA, National Solar Database: https://www.seia.org/research-resources/national-solar-database