KY SOLAR State Spotlight



RANKINGS

34th
for total installed solar capacity

CAPACITY			
43rd Residential	24th Utility	43rd Non-Residential DG
PER CAPITA		
45th Residential	24th Utility	47th Non-Residential DG

Total Solar Installed
1.7 GW
1 GW in 2025

1,724
Solar Jobs
Ranks 33rd

KY Solar Market Value
$2.3B
$1.4B Invested in 2025

Total Utility-Scale Storage Installed
0 MWh

Powered by
50
Solar Companies

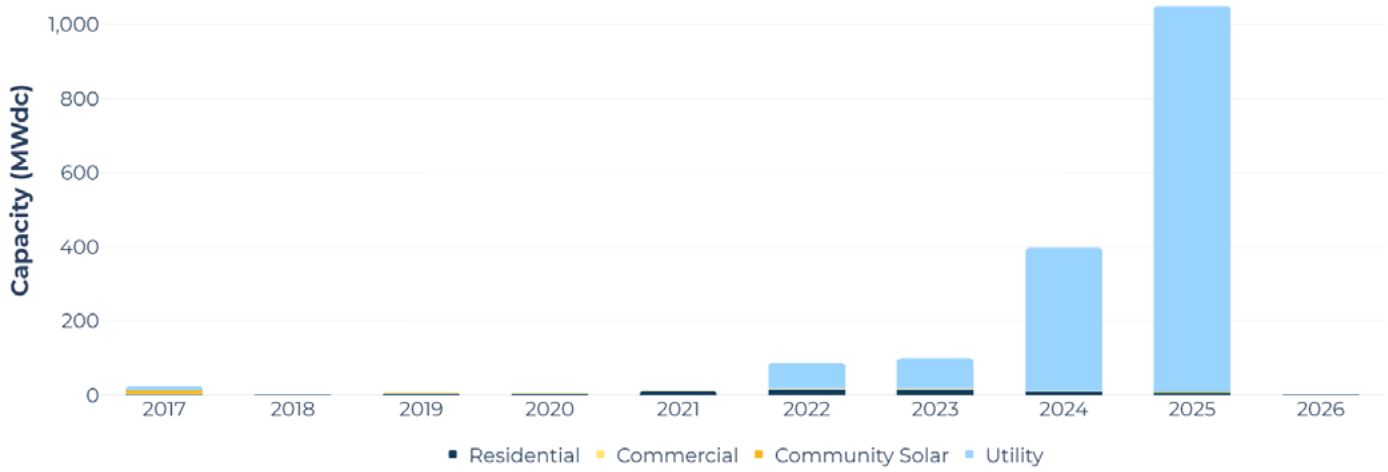
Growth Projection Over the Next 5 Years
3.8 GW
Ranks 21st

3.30%
of KY electricity is from solar

Enough Solar to Power
176,953
KY Homes

0.59%
of KY homes have solar

Kentucky Annual Solar Installations



SEIA.org/Kentucky
November 2026

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34th for total installed solar capacity

1,724 solar jobs across the state

COMMUNITY IMPACT

Castle and Key Distillery Goes Solar With Key Partnerships



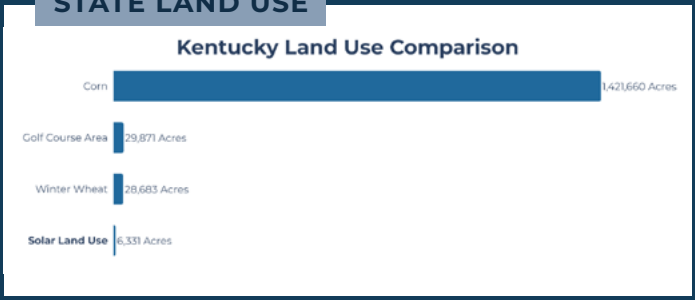
The Castle and Key Distillery in Frankfort installed a 1.2 megawatt solar project to run its spirits production, with more panels on the way to power the distillery.

Toyota Kentucky unveils 30 acre solar field

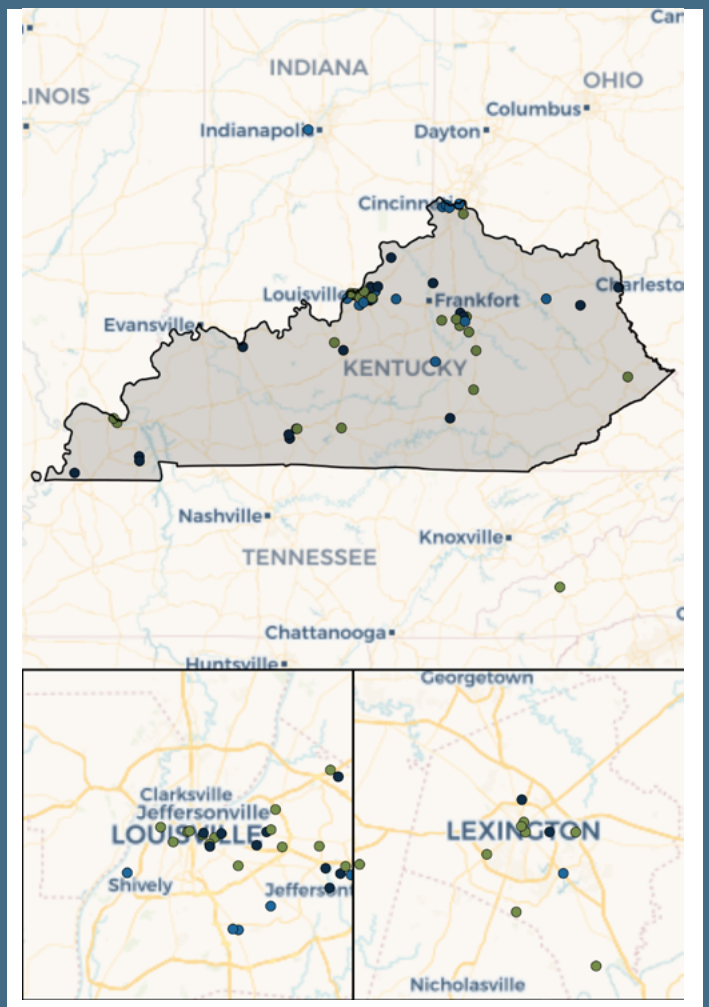


Toyotaís facility in Georgetown is its largest in the world, and it now receives power from a 30 acre field producing 15 million kilowatt hours, enough to power the equivalent of 1,400 homes. This will save the manufacturer thousands in electricity costs.

STATE LAND USE



50
Solar + Storage Companies in KY



15 Manufacturers
14 Developers
21 Other Companies

Reference data: **seia.org/states**
November 2026