

CPS Energy ranks first in Texas for solar power capacity. Through STEP, the utility is focused on reducing barriers to solar participation while supporting a diverse and resilient generation ...

The combination of utility-scale and small-scale solar increased by over one-third (33.7%) and was almost 6.8% of total U.S. electrical generation for January through March -- up ...

Global solar photovoltaic capacity has grown from around 40 gigawatts in 2010 to approximately 2.2 terawatts in 2024. Only in that last year, installations increased by almost 40 ...

More than one-third of U.S. solar power capacity is small-scale solar--a share that has been declining in recent years because utility-scale solar has been growing faster. We expect both ...

The proportion of wind and solar traded in wholesale markets will jump from 52% in 2024 to ~100% in 2025. The resulting revenue uncertainty--which may slow PV growth after 2025--will be ...

In 2024, Texas maintained its position as the top-ranked state for new solar capacity installed for the second consecutive year, with 11.6 GWdc. California narrowly beat Florida for the ...

California once again takes first place among the top states generating electricity from solar power this month. The Golden State produced 21.4% of the United States' total of 24,519 ...

In the first half of 2025, solar and wind together accounted for 91% of all new U.S. power generating capacity, continuing solar's dominance as the largest source of new electricity on the grid.

Data on renewable power capacity represents the maximum net generating capacity of power plants and other installations that use renewable energy sources to produce electricity.

Solar deployment leads to a strong uptick in the watts per customer (W/C) metric. Duke Energy Progress remains ranked number one in the region in this metric, with a cumulative 3 GW of solar in ...

OverviewGovernment supportSolar potentialHistorySolar photovoltaic powerConcentrated solar power (CSP)See alsoFurther readingA complete list of incentives is maintained at the Database of State Incentives for Renewable Energy (DSIRE). Most solar power systems are grid connected and use net metering laws to receive compensation for electricity that is not consumed on site and exported to the grid. New Jersey leads the nation with the least restrictive net metering law, and California leads in total number of homes which have solar panels installed...

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