Solar power generation growth in the first half of the year

Almost 70 gigawatts (GW) of new solar generating capacity projects are scheduled to come online in 2026 and 2027, which represents a 49% increase in U.S. solar operating capacity ...

The rapid expansion of solar capacity in recent years has made it the fastest growing source of new electricity generation. In 2024, global solar output rose by 28% (+469 TWh) compared ...

Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW installed. Combined, solar and storage accounted for 82% ...

In the first half of 2025 alone, the U.S. installed nearly 18 GW of new solar capacity, a record for any half-year period. This represented a 50%+ jump over H1 2024 installations.

The US has installed 17.92GW of new solar capacity in the first half of the year, with quarter-on-quarter declines in capacity additions for the utility-scale and residential sectors.

Solar surged 64% in H1 2025 with 380 GW added worldwide, led by China"s record pace, keeping 2025 on track for new highs.

Solar power is expected to provide more than half of the new electricity capacity added in 2025. Developers have already installed 12 GW in the first half of the year, with another 21 GW ...

Global solar generation grew by a record 31% in the first half of the year, while wind generation grew by 7.7%, according to the report by the energy think tank Ember, which was released after midnight ...

Even as the U.S. guts support for renewable power, the world is still pushing ahead on the shift to solar energy, with installations up 64 percent in the first half of this year. Solar is the fastest ...

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