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## Gigawatt Solar 2025

How much solar capacity did the world add in 2025?

In the first six months of 2025, the world added 380 GW of new solar capacity -- 64% higher than during the same period in 2024, when 232 GW were installed. In 2024, it took until September for global solar capacity additions to surpass 350 GW, while in 2025, the milestone was reached in June.

How many GW of electric power will be added in 2025?

We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory report. This amount represents an almost 30% increase from 2024 when 48.6 GW of capacity was installed, the largest capacity installation in a single year since 2002.

Are global solar installations breaking records again in 2025?

Global solar installations are breaking records again in 2025. In H1 2025, the world added 380 gigawatts (GW) of new solar capacity - a staggering 64% jump compared to the same period in 2024, when 232 GW came online. China was responsible for installing a massive 256 GW of that solar capacity.

How many GW of solar power will be installed in 2024?

This amount represents an almost 30% increase from 2024 when 48.6 GW of capacity was installed, the largest capacity installation in a single year since 2002. Together, solar and battery storage account for 81% of the expected total capacity additions, with solar making up over 50% of the increase. Solar.

Acciona Energ&#237;a announced an agreement to sell a 49% stake in its 1.3-gigawatt U.S. solar portfolio alongside 100% ownership of two wind farms in Mexico totaling 321 ...

Construction on what will likely be Australia's biggest solar project - to help power Rio's giant smelter - can now begin after gaining development approval.

Although the number of countries with annual gigawatt-scale solar markets has increased to 35, this is fewer than anticipated. We do expect this to change in the near future; ...

In the first half of 2025, the country installed more than twice as much solar capacity as the rest of the world combined, accounting for ...

We expect five other states (Indiana, Arizona, Michigan, Florida, and New York) each to account for more than 1 GW of added solar capacity in 2025 and collectively account ...

BloombergNEF reports that the world installed nearly 600 gigawatts of solar power in 2024, closely aligning with projections that ...

Solar Power Expansion Surpasses One Gigawatt in 2025 MTI-Hungary Today 2025.12.16. By

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early December, approximately 1,030 megawatts of new solar power plant ...

The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions. ...

World installed 380 GW of new solar capacity in first six months of 2025 Global solar installations are on track for another record year. In the first six months of 2025, the world ...

BloombergNEF says global solar installations could reach 700 GW in 2025, with additions rising to 753 GW in 2026 and 780 GW in 2027.

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