



GW-scale solar energy investment

Will utility-scale solar increase in 2024?

Solar. We expect a record addition of utility-scale solar in 2024 if the scheduled 36.4 GW are added to the grid. This growth would almost double last year's 18.4 GW increase, which was itself a record for annual utility-scale solar installation in the United States.

How will solar power grow in 2025?

Battery storage accounted for the second-largest share of total generating capacity additions, rising by 64% to 7.4 GW. By the end of 2025, the US Energy Information Administration (EIA) expects solar to rise by a record-breaking 38.4 GW to 128.2 GW, with battery storage increasing by another record-breaking 14.9 GW to 30.9 GW.

How big is the solar energy industry in 2024?

The solar energy sector in the United States is poised for an exceptional year in 2024, with projections indicating more than 32 gigawatts (GW) of utility-scale solar installations.

Was 2024 a good year for solar power?

The year 2024 was a true landmark year for solar power. Global solar installations reached nearly 600 GW - an impressive 33% increase over the previous year - setting yet another record. Solar accounted for 81% of all new renewable energy capacity added worldwide.

Will the global solar PV market grow in 2025?

Despite these headwinds, the global solar PV market is still expected to grow by 10% in 2025, reaching 655 GW under the Medium Scenario (see Fig. 4). This would mark a continuation of the deceleration trend following the extraordinary 85% growth in 2023 and the more moderate 33% in 2024.

How big is solar PV in 2024?

Global solar PV installations set another record in 2024, reaching 597 GW - a 33% increase over 2023, and 148 GW more than the previous year (Fig. 1). Although the annual growth rate slowed compared to the exceptional 85% surge in 2023, it was still substantial enough to reinforce solar energy's leading dominance on global renewable energy expansion.

Context India has ambitiously aimed for 500 gigawatts (GW) of renewable energy capacity by 2030, a crucial step towards sustainable energy independence. As of March 2024, the country ...

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London, August 26, 2025 - Global investment in new renewable energy projects hit a record \$386 billion in



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the first half of 2025, up 10% from the previous year. However, asset finance for utility ...

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 ...

1 day ago· Unprecedented Scale Growth: Mega solar projects now routinely exceed 3-5 GW capacity, with several Chinese installations planning expansions beyond 20-30 GW, ...

2 days ago· After more than a decade of stagnation, Czechia re-entered the GW-scale solar market in 2023, adding over 1 GW of new PV capacity for the first time since 2010.

We expect a record addition of utility-scale solar in 2024 if the scheduled 36.4 GW are added to the grid. This growth would almost double last year's 18.4 GW increase, which ...

The solar industry installed 14.5 GW of solar large-scale solar in the first half of 2025, according to data released by the Federal Energy Regulatory Commission (FERC). ...

WASHINGTON, D.C., September 3, 2025 - The American Clean Power Association (ACP) released its Clean Power Quarterly Market Report today, showing U.S. developers deployed ...

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