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Energy storage solar still growing

Overview

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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.

According to EIA’s latest Preliminary Monthly Electric Generator Inventory report, the U.S. power grid is expected to add 63 gigawatts (GW) of new utility-scale electric-generating capacity in 2025. Most of this growth will come from solar power and energy storage, showing strong momentum for clean.

The landscape of energy in the United States is undergoing a significant transformation, with solar power and energy storage poised for remarkable growth by 2025. In what is expected to be a pivotal year, the U.S. aims to add approximately 97 gigawatts (GW) of new electricity capacity, largely.

Solar and battery storage continue to dominate growth among energy sources, while fossil fuels and nuclear power have stagnated. That’s according to data just released by the US Energy Information Administration (EIA), which was reviewed by the SUN DAY Campaign. EIA’s latest monthly “Electric Power.

In 2025, the country is expected to add about 97 gigawatts (GW) of new electricity capacity. Most of this growth will come from solar power and energy storage, showing strong momentum for clean energy, even as fossil fuels remain part of the mix. A report from S&P Global Market Intelligence says.

According to the new “ U.S. Energy Storage Monitor ” developed by Wood Mackenzie and the American Clean Power Association (ACP), the American energy storage market experienced record growth in Q1 2025, even amidst the current policy uncertainty. The U.S. energy storage market added more than 2 GW. Why is solar energy growing so fast?

Most of this growth will come from solar power and energy storage, showing strong momentum for clean energy, even as fossil fuels remain part of the mix. Solar energy is growing quickly across the United States. Nearly 49 GW of solar power is in line to connect to the electric grid. That’s enough to power more than 35 million homes for a year.

How has solar-plus-storage helped keep the lights on?

Adding 19 GW of solar and 6.2 GW of storage since 2019 helped keep the lights on – an 800% increase in solar and 5,500% increase in battery storage over that period. Solar-plus-storage is solving demand growth by providing reliable power when the grid needs it most – during peak hours.

Why are energy storage systems important?

Energy storage systems, mostly large batteries, are important because they help store solar and wind power for use when the sun isn’t shining or the wind isn’t blowing. In 2025, over 31 GW of new storage capacity is expected to be built. California and Texas are the leaders in battery storage.

Is solar energy the cheapest and fastest-to-build option?

Many utilities have embraced gas, or promoted restarting closed coal or nuclear plants, but that overlooks the cheapest and fastest-to-build option – solar energy combined with battery storage, also known as solar-plus storage.

Why is storage growth important?

Storage growth is important because it makes renewable energy more reliable. Batteries can help keep the grid stable and reduce blackouts. Wind energy is still expanding, though not as fast as solar. More than 2 GW of new wind capacity is expected in Texas alone in 2025, and around 2 GW more across the rest of the country.

Can solar-plus-storage meet rising demand without gas?

Energy Innovation analysis shows clean energy can come online fast enough

to meet rising demand without needing gas to fill the gap, and solar-plus-storage has stepped up.

Energy storage solar still growing

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