



# New planning for solar power generation

According to the U.S. Energy Information Administration (EIA), solar energy is expected to account for a significant portion of the new electricity generating capacity additions in the U.S. through 2025, ...

Explore the future of solar in 2025--key trends, new tech, and policies driving global clean energy growth.

Solar. In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year. We expect this trend will continue in 2025, with 32.5 GW of new utility-scale ...

Almost all of the new electric generation capacity added to the U.S. grid in 2025 is emissions-free, with solar leading the way. The Energy Information Administration (EIA) reported the U.S. is projected ...

Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity expansion. Low module costs, relatively efficient permitting processes and ...

Solar continues to be the main fuel type for new additions, with over 30,000 MW of solar energy added in 2024, nearly double the amount added in 2023. This report also analyzes prospective generation capacity in four ...

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 compared with ...

The US Energy Information Agency (EIA) has forecast that power generation growth in the country up to 2027 will be driven predominantly by solar capacity additions, in its latest short-term energy ...

Each quarter, NREL conducts a presentation of technical trends within the solar industry.

The US is experiencing its most transformative year for electricity generation in over 20 years, driven by a surge in solar energy and backed by large-scale battery storage.



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