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GW-scale solar energy by 2025



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.

Solar represented 75% of grid capacity additions in the first half, followed distantly by wind and natural gas, said new data from the Federal Energy Regulatory Commission. The solar industry installed 14.5 GW of solar large-scale solar in the first half of 2025, according to data released by the.

Solar and wind together accounted for 88% of new US electrical generating capacity added in the first eight months of 2025, according to data just released by the Federal Energy Regulatory Commission (FERC) which was reviewed by the SUN DAY Campaign. In August, solar energy alone provided.

The EIA (U.S. Energy Information Administration) posted this forecast for 2025 on February 24, 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.

U.S. developers added 12 GW of utility-scale solar capacity in the first half of 2025, with plans for 21 GW more in the second half, per the U.S. Energy Information Administration. This 64 GW total could exceed the 2002 record of 58 GW, mainly from natural gas. Texas is expected to introduce 9.7GW.

The pace of utility-scale solar additions is set to nearly double in H2 2025, with the EIA forecasting 21.3GW across the US. Chart: EIA. The US Energy Information Administration (EIA) has forecast that the US will add 33.3GW of utility-scale solar PV in 2025. The majority of the additions are.

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