

We expect the combined share of generation from solar power and wind power to rise from about 18% in 2025 to about 21% in 2027. In our STEO forecast, utility-scale solar is the fastest ...

London, 13 November 2025 - Solar and wind have grown fast enough to meet all new electricity demand in the first three quarters of 2025, according to a new analysis from energy think tank Ember.

For solar PV, wind and bioenergy for power, deployment has been revised downwards. Solar PV accounts for over 70% of the absolute reduction, mainly from utility-scale projects, while offshore ...

The wind power market now serves data-center clusters that need 24/7 clean energy, sparking new contracting models such as virtual PPAs with hourly matching. Behind-the-meter ...

The 2025 Global Wind Report reveals record growth in wind energy, with 117 GW of new capacity installed in 2024. While highlighting challenges like policy instability and market ...

The U.S. is expected to add more than 7 gigawatts (GW) of wind installations in 2025, a 36% increase over the previous year, and the five-year outlook remains unchanged quarter-over ...

For the first time, the Report has conducted an annual forecast of global new energy generation capacity, noting that global wind power and photovoltaic generation capacity will increase ...

Global Wind Power Growth Accelerates in the First Half of 2025. The report can here be downloaded in pdf format.

The Land-Based Wind Market Report: 2024 Edition provides an overview of trends in the U.S. wind power market, with a particular focus on the year 2023. This report primarily focuses on land-based, ...

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this ...

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