Wind and photovoltaic power generation in the first half of the year

The first half of 2025 has been a defining period for the global wind energy sector - not only for its record-breaking growth but for the clarity it provides about the world"s energy direction.

The 380-MW battery storage capacity at Gemini and the 300-MW Eleven Mile Solar Center in Arizona were the two largest projects that came online in the first half of 2024. Wind power ...

During the first six months of 2025, electrical generation by wind plus utility-scale and small-scale solar provided over a fifth (20.3%) of the US total, up from 18.6% during the first six ...

The world"s wind and solar farms have generated more electricity than coal plants for the first time this year, marking a turning point for the global power system, according to research.

Wind and solar generation were the fastest growing sources of US electricity in the first half of 2024, as total renewable output increased nearly 10%, the SUN DAY Campaign said Aug. 26.

Photovoltaic (PV) solar accounted for 56% of all new electricity-generating capacity additions in the first half of 2025, remaining the dominant form of new electricity-generating capacity ...

Solar and wind accounted for 91% of new US electrical generating capacity added in the H1 2025, according to data just released by the Federal Energy Regulatory Commission (FERC), ...

Meanwhile, wind and solar overtook fossil fuels in the European Union for the first time, generating 30% of electricity in the first half of the year, compared to fossil fuels" 27%.

Global solar generation grew by a record 31% in the first half of the year, while wind generation grew by 7.7%, according to the report by the energy think tank Ember, which was released after midnight ...

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