

Solar wind solar and energy storage projects

Dozens of large-scale solar, wind, and storage projects will come online worldwide in 2025, representing several gigawatts of new capacity.

A new, floating pumped hydropower system aims to cut the cost of utility-scale energy storage for wind and solar farms.

Together, solar and battery storage account for 81% of the expected total capacity additions, with solar making up over 50% of the increase. Solar. In 2024, generators added a record ...

Shanghai has approved the Fengxian 1# offshore photovoltaic project, the first commercial-scale solar-wind hybrid of its kind in China. The move marks a major step forward in the ...

These projects integrate multiple renewable energy sources such as solar, wind, battery energy storage, and hydrogen production to create a resilient and efficient energy system.

The map features AES" projects currently under construction and in operation as of November 4, 2025. For more detailed information, please refer to our Investor Fact Sheet.

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Explore utility-scale solar, wind, and energy storage projects. Get the latest on grid integration, large-scale renewables, and transmission developments.

Wind and solar investments in the first half of 2025 fell 18%, to nearly US\$35 billion (prior to the enactment of this act), compared to the same period in 2024. 1 Still, renewables dominated US ...

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