Solar panel backlog

The increasing backlog and wait times highlight the need for improvements in the interconnection process. The Federal Energy Regulatory Commission (FERC) released a Notice of ...

The chart below shows that more than half of all active solar and energy storage project capacity in U.S. queues consists of hybrid projects -- especially in California and the U.S. West.

For the past four years, researchers at the Department of Energy"s Lawrence Berkeley National Laboratory have been tracking a major threat to the U.S. clean energy transition: the ...

But this growing backlog has become a major bottleneck for project development: proposed projects are mired in lengthy and uncertain interconnection study processes, and most ...

Wait times to connect to the grid are going up, and more projects are dropping out in the process. From where Joe Rand stands, there"s good news and there"s bad news about renewable ...

Recent findings highlight a significant growth in the backlog of renewable energy projects awaiting connection, with a whopping 30% increase last year. Stay with SunValue as we break down ...

SPP, whose grid stretches across all or parts of 14 states from Texas to North Dakota, has a six-year project backlog. The grid operator has won approval from the Federal Energy ...

In the third quarter of 2025, solar projects representing about 20% of planned capacity reported a delay, a decrease from 25% in the same period in 2024, based on data compiled from ...

The backlog of new power generation and energy storage seeking transmission connections across the U.S. grew again in 2023, with nearly 2,600 GW of generation and storage ...

A research report from Lawrence Berkeley National Laboratory found that 1,080 GW of solar projects and about 1,030 GW of storage projects await interconnection studies, so they may ...

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