New energy storage grid connection issues

The Federal Energy Regulatory Commission (FERC) adopted major interconnection reforms in 2023 that have not yet taken effect in most regions; project developers continue to cite grid interconnection ...

Network upgrade costs for generating projects recently withdrawn from interconnection queues averaged 70% of total interconnection costs, Berkeley Lab researchers found. They ...

To better understand the dynamics of interconnection, and what solutions may be available, we compiled and analyzed two unique datasets for the first time, in " Grid connection ...

Proposed renewable generation and energy storage projects face lengthy delays and high costs to interconnect them to the transmission grid. Without reforms, interconnection is likely to ...

The amount of new power generation and energy storage in interconnection queues across the US has surged over the last decade, with over 2,600 GW of total capacity now actively ...

The Federal Energy Regulatory Commission approved an interconnection reform rule July 27 that aims to speed grid connections for wind, solar, energy storage and other generating resources.

In May, as the North American Electric Reliability Corporation (NERC) unveiled its latest summer reliability outlook, officials underscored a key point: The grid is stretched.

By the end of 2023, there were roughly 11,600 projects seeking interconnection to the grid, consisting of 1,570 GW of generator capacity and 1,030 GW of storage capacity. Solar, storage, and ...

When the sun doesn"t shine and the wind doesn"t blow, humanity still needs power. Researchers are designing new technologies, from reinvented batteries to compressed air and ...

Battery energy storage systems (BESS) are growing rapidly on the U.S. grid, but the technology has faced some headwinds. The primary technology being installed, lithium-ion storage ...

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