

Macro Roundup Article

Headline: [Gridlock: How a Lack of Power Lines Will Delay the Age of Renewables](#)

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Tweet: According to research by the Lawrence Berkeley National Laboratory 2,000GW of solar, wind and storage projects are in the planning stage, and 20% are likely to be built based on historical completion rates, vs. 1,300 GW installed capacity in 2022.

Summary: In the US, grid connection requests grew by 40 per cent in 2022, a study led by Lawrence Berkeley National Laboratory found. The researchers discovered that nearly 2,000GW of solar, wind and storage projects were in queues to connect to transmission grids — the long-distance, high-voltage electricity network — far more than the installed capacity of the entire US power plant fleet. Many of these projects will never be built. Developers often submit speculative applications, says lead author Joseph Rand. His research looking at connection requests submitted between 2000 and 2017 found that typically only a fifth of projects were built.

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