

Yet most homeowners signing solar contracts have no idea this bottleneck exists until their project stalls indefinitely. Here's the thing about solar installations that many companies...

The unprecedented volume of requests in queues points to significant shifts in the generation mix of the US power system but is also evidence of a significant structural and regulatory ...

Utility-scale and commercial solar projects across the U.S. are increasingly bottlenecked, not by module supply or labor, but by interconnection. The critical path has shifted. In 2025, ...

However, CEA highlighted two potential bottlenecks to installation in the United States: transformer supply and a lack of skilled labor. CEA said U.S. utilities have restrictions on what types of...

The model employs a diverse set of features encompassing meteorological variables and historical solar power generation data to capture relevant patterns that influence solar PV output.

Federal regulators on Thursday approved new rules to speed up the process for connecting wind and solar projects to the electric grid, in an attempt to reduce the growing delays ...

Nevertheless, comprehensive efforts are crucial in addressing these bottlenecks. Broad policy support, innovative financing mechanisms, and technological advancements must converge ...

Finding these funds and working with national governments around the world to prioritise connections for solar projects amid a rapidly changing energy landscape will be challenging if the ...

Rising electricity demand and climate goals have brought U.S. electrical grid efficiency to the forefront energy policy and infrastructure planning. But connecting new energy projects to the grid,...

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 ...

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