

The latest policy on new energy storage grid connection

Does a new grid connection rule address the rise in energy costs?

The rule approved Thursday also does not directly address the rise in grid connection costs for new energy projects. Those costs -- intended to cover needed upgrades to the transmission system to accommodate new projects -- have been increasing in some parts of the U.S. and are typically born by the developer.

Why are new energy projects getting stuck in the grid connection process?

One reason why new energy projects are getting stuck in the grid connection process is because there is not enough transmission to support them, advocates say. The rule approved Thursday also does not directly address the rise in grid connection costs for new energy projects.

Will grid interconnection Clear the backlog of solar and wind projects?

The goal is to finally clear the huge backlog of solar, wind, and battery projects waiting to be built. According to a report recently released by DOE's Lawrence Berkeley National Laboratory, nearly 2,600 gigawatts of clean energy generation and battery storage capacity are actively seeking grid interconnection.

What are the different types of energy storage policy?

Approximately 16 states have adopted some form of energy storage policy, which broadly fall into the following categories: procurement targets, regulatory adaption, demonstration programs, financial incentives, and consumer protections. Below we give an overview of each of these energy storage policy categories.

Is grid interconnection causing project delays & cancellations?

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 as a leading cause of project delays and cancellations.

Do battery ESSs provide grid-connected services to the grid?

Especially, a detailed review of battery ESSs (BESSs) is provided as they are attracting much attention owing, in part, to the ongoing electrification of transportation. Then, the services that grid-connected ESSs provide to the grid are discussed. Grid connection of the BESSs requires power electronic converters.

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