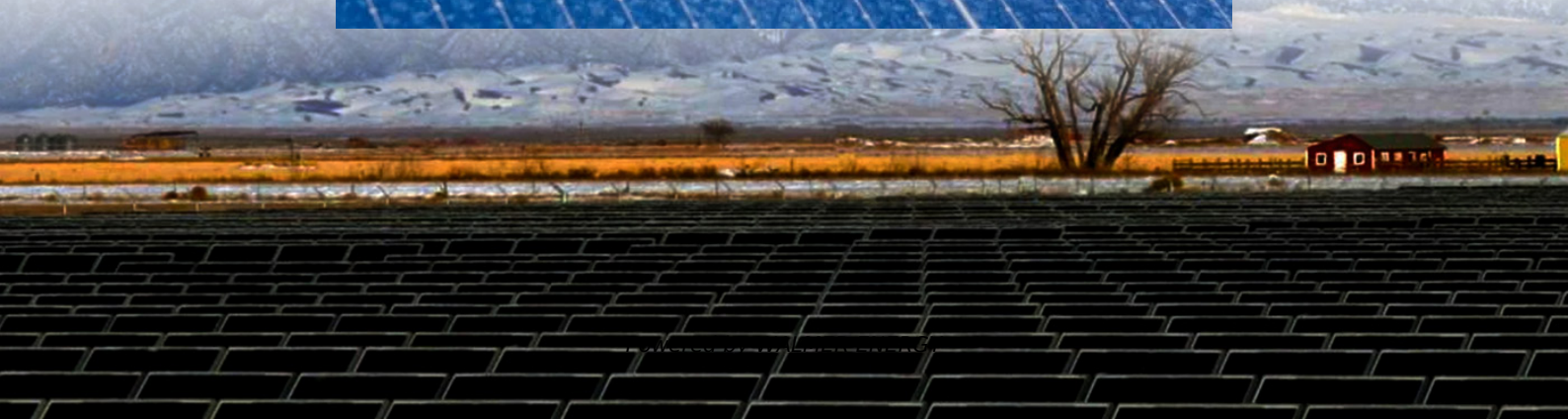


Adjustment scope of wind power construction for solar container communication stations





Overview

How is hydro-wind-PV complementation achieved in China?

At present, most hydro-wind-PV complementation in China is achieved by compensating wind power and PV power generation by regulating power sources, such as a unified dispatch of hydropower and pumped-storage power stations on the grid side.

Does China have a potential for hydro-wind-solar complementary development?

China has made considerable efforts with respect to hydro- wind-solar complementary development. It has abundant resources of hydropower, wind power, and solar power and shows promising potential for future development.

Should wind & solar complementation be regulated after hydropower or pumped-storage hydropower regulation?

After hydropower or pumped-storage hydropower regulation, the total output of wind&“solar&“hydro complementation should have the least volatility, that is, in turn, beneficial to the consumption of wind and solar power in the grid.

Are hybrid solar and wind energy a viable alternative to stand-alone power supply?

Among the various renewable resources, hybrid solar and wind energy seems to be promising solutions to provide reliable power supply with improved system efficiency and reduced storage requirements for stand-alone applications.



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