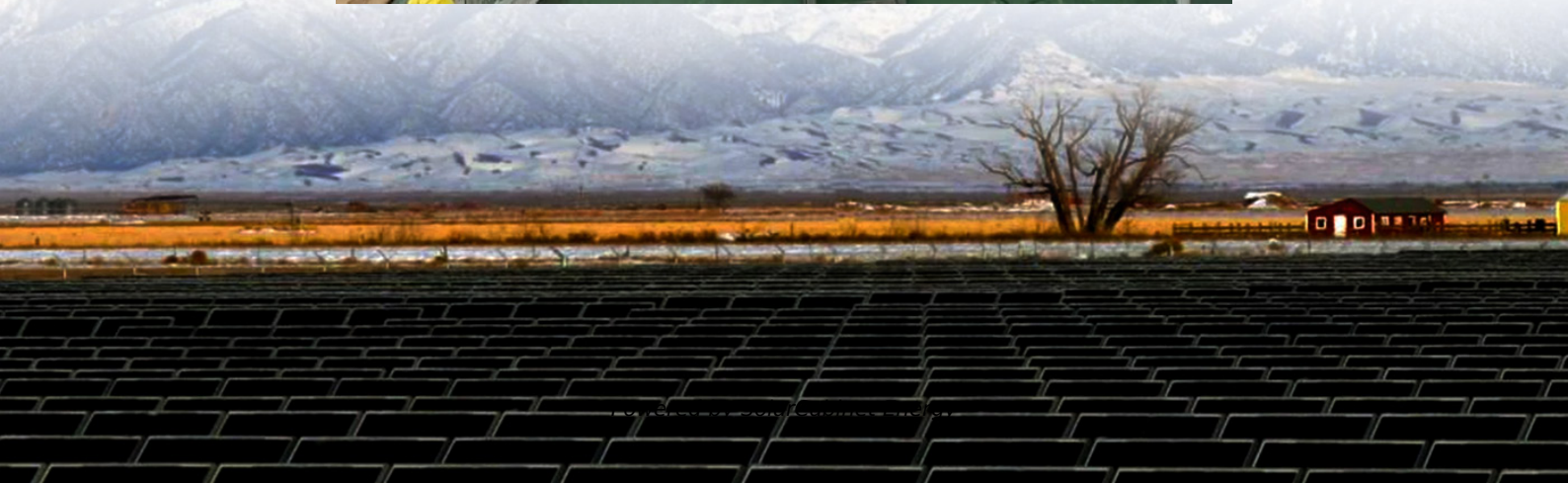


How much energy storage should be provided for wind power in Mexico





Overview

Recently, the Mexican Ministry of Energy announced a new regulation mandating that all newly built wind and solar PV projects must be equipped with energy storage systems accounting for at least 30% of their capacity, with a minimum storage duration of three hours. Should Mexico be reliant on wind and solar?

In this regard, although it is essential to increase the installed capacity of renewable sources in Mexico and elsewhere, the intermittency of generation represented by wind and solar technologies makes it difficult to be completely reliant on them.

Does Mexico have a wind energy sector?

Mexico's wind energy sector is also experiencing rapid growth. With the country's favorable geographic conditions, wind power is becoming an integral component of its renewable energy mix.

Should energy storage be a priority in Mexico?

If energy storage deployment is considered a priority in the following years, Mexico could accelerate investments through a mix of storage procurement targets and financial incentives. A strong storage market can also be built over time by offering rebates, loans, investment grants, tax credits or other financial incentives.

How can Mexico promote energy storage?

To accelerate investments and promote the formation of a storage market, Mexico should introduce technology-push and market-pull policies simultaneously. Procurement targets could be used if policymakers decided that energy storage is a short-term priority, as in the case of the US.

Should energy storage be regulated in Mexico?

5.2.1. Mexico Energy storage appears scarcely in Mexican legislation and the



few regulations that mention it leave the door open to potentially consider EST as either generation assets or transmission and distribution assets . If EST were regulated as generation assets, they could operate under a regime of free competition.

Will Mexico reach a 25.7 GW capacity by 2024?

As one of the top five global leaders in renewable energy, Mexico is on track to reach a 25.7 GW capacity by 2024, with projections indicating a 10.7% increase by 2025. This growth is driven by government policies, technological advancements, and increased investment in the sector.



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