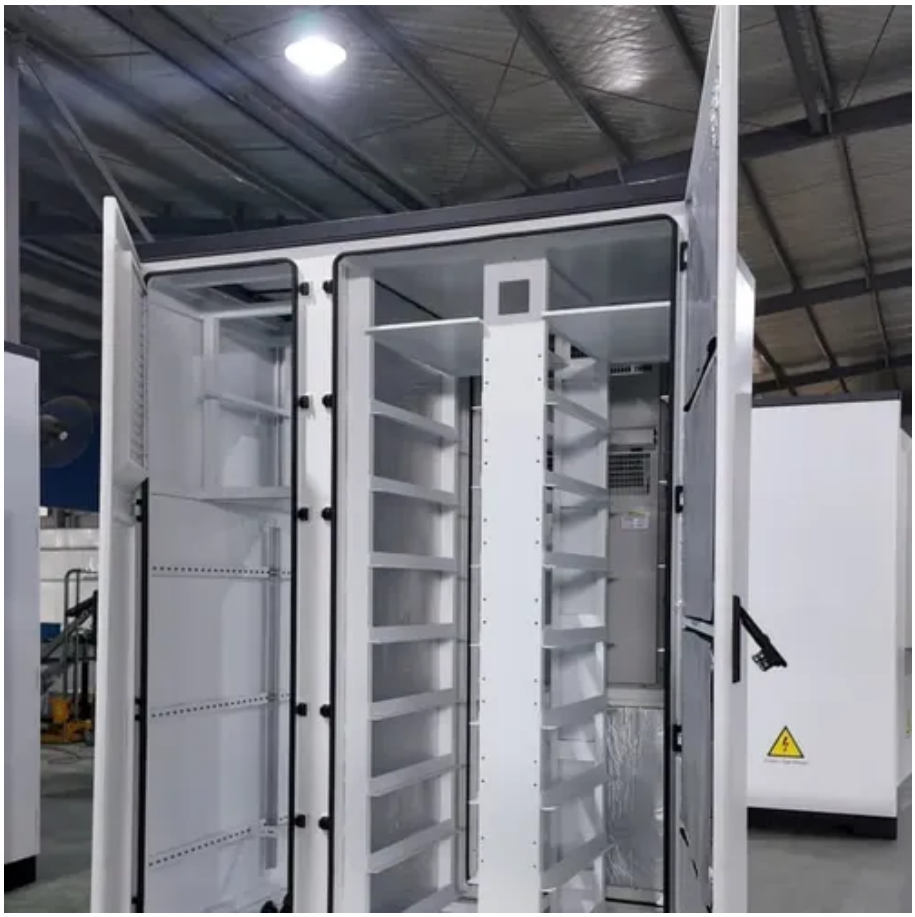
# How much energy storage should be provided for wind power in Mexico



## Overview

The Mexican government announced in March 2025 a first-of-its-kind measure in the region: all solar and wind power plants must integrate battery systems equivalent to 30% of their installed capacity, with a minimum of three hours of discharge.

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The new rule requires solar and wind power plants to include battery systems with a capacity equivalent to 30% of their installed power, aiming to add 574 MW of storage by 2028. Mexico is featured in the White Paper on Energy Storage in Latin America and the Caribbean, published by the Latin.

The Latin American Energy Organization (LAEO) released a white paper on energy storage in Latin America and the Caribbean, noting that Mexico has enacted unique regional regulations requiring solar and wind power plants to be equipped with battery systems equivalent to 30% of their installed.

Mexico has taken a bold step in reshaping its renewable energy sector by mandating that all new wind and solar projects include battery storage equal to 30% of their capacity. This move, announced by Jorge Islas, Undersecretary for Planning and Energy Transition, aligns Mexico with global efforts.

Mexico has stepped forward with an ambitious 30% capacity requirement, alongside plans to add a further 574 MW of batteries by 2028. Future wind and solar energy projects in Mexico will be required to colocate battery energy storage systems equivalent to 30% of their capacity, a senior government.

Mexico holds significant potential for wind energy development, owing to its strategic geographic location and extensive coastlines. This review article systematically explores the technical, environmental, and economic aspects of wind energy in five different climatic zones in Mexico, reviewing.

Electric energy storage has become a crucial component in the transition to more

sustainable, reliable and efficient energy systems. In Mexico, this concept has taken on greater relevance with the approval of the general administrative provisions for the integration of electric energy storage. Why is energy storage important in Mexico?

Renewable energy resources like solar and wind fluctuate, making energy storage systems (ESS) important for balancing supply and demand. In Mexico, which has abundant solar and wind resources, energy storage facilitates the efficient use of generated renewable electricity. It smoothes out the variability and ensures a stable power supply.

Why is Mexico a good place for wind energy projects?

This region has been of historical importance for wind projects in the country since the first wind farm in Mexico was installed in locations [33, 34, 35]. The North of the country also possesses a high potential for wind energy projects.

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.

Why is Mexico's offshore wind potential important?

Over the last few years, Uncovering Mexico’s offshore wind potential is of strategic importance, as the country’s geographic position enables it to serve as a key nearshoring energy provider—playing a vital role in supporting the sustainable energy demands of North America’s ongoing economic growth .

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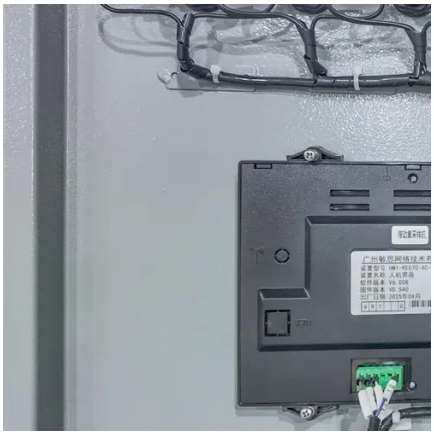

## Mexico Announces Battery Storage Mandate for Renewable Energy ...

Future wind and solar energy projects in Mexico will be required to colocate battery energy storage systems equivalent to 30% of their capacity, a senior government official told the ...

## Mexico emerges as benchmark for energy storage development ...

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## Mexico Battery Storage Mandate: What It Means ...

Mexico has taken a bold step in reshaping its renewable energy sector by mandating that all new wind and solar projects include ...

## Electric storage in Mexico: challenges and progress

Thanks to the country's geographical conditions, Mexico has great potential for solar and wind energy, which makes it an ideal candidate for the

implementation of energy ...

## The rise of utility-scale energy storage technologies in Mexico

This article addresses Mexico's strides in energy storage amid a lack of clear legislation. With a focus on renewable sources, it highlights the nation's 31.2 per cent installed ...

## Mexico's New Energy Storage Regulations Require 30% Battery Storage ...

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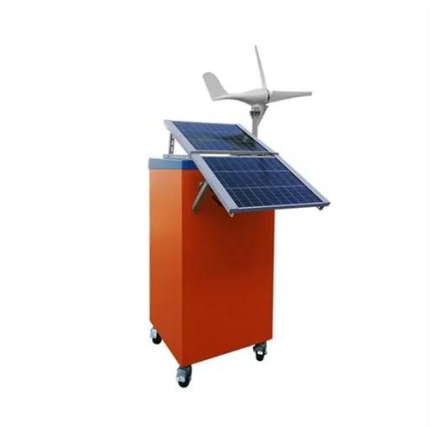

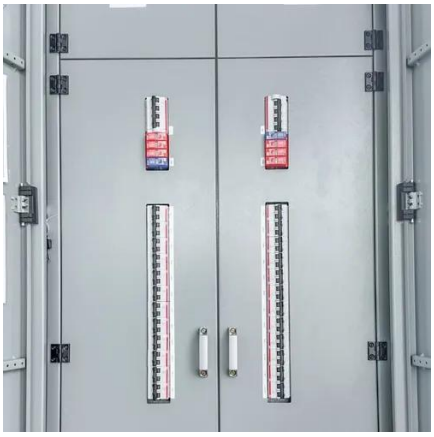

## The Potential For Energy Storage In Mexico

In an environment where renewable energy procurement and energy efficiency are top priorities, understanding the role of energy storage is vital for energy procurement managers, ...

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## Why Energy Storage Is Mexico's Missing Link

Recognizing this, in March 2025, Mexico´s government announced a mandate requiring all new solar and wind power plants to include storage systems equivalent to 30% of ...


## Current Status and Sustainable Utilization of Wind Energy

This review article explores the technical, environmental, and economic aspects of wind energy in five different climatic zones in Mexico, reviewing potential zones for wind ...

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## Mexico's New Energy Storage Policy Shakes Up Global Market

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 ...

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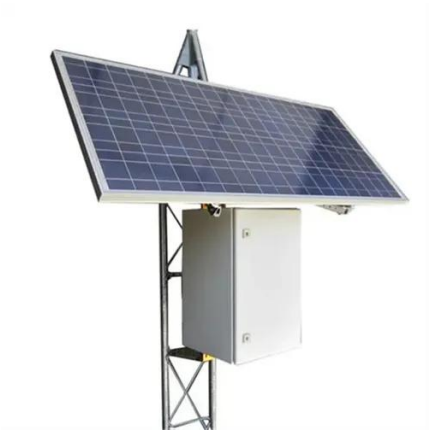

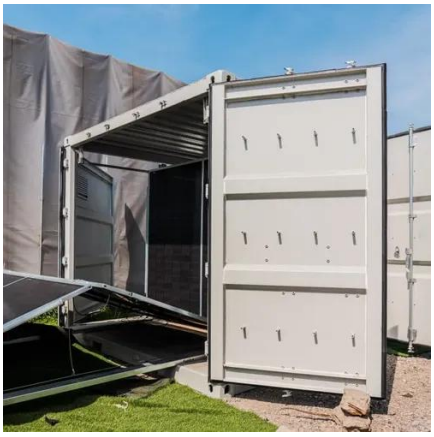

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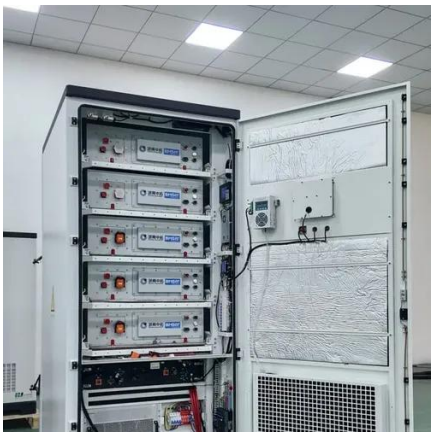

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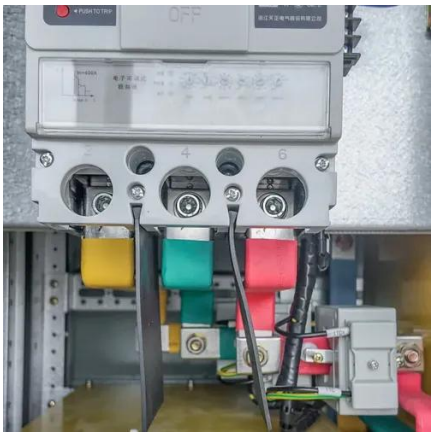

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