

SolarTech Power Solutions

Mexico energy storage boom



Overview

Mexico is emerging as a regional BESS hotspot due to new government regulation under President Sheinbaum. Its new Grid Code mandates that all new solar and wind plants must include BESS equal to 30% of generation capacity, with at least 3 hours of storage. Will Mexico develop energy storage technologies in the next decade?

However, we expect Mexico to develop its energy storage technologies significantly over the next decade, as well as its lithium mining industry, as it increases its renewable energy capacity as part of a global green energy transition.

Are Mexico's energy storage operations in a nascent stage?

Mexico's energy storage operations are in their nascent stage compared to more widespread developments in the U.S. and several European countries.

Does Mexico regulate storage?

Mexican legislation, however, neither defines nor regulates Storage. There are few references in the current legislation to the activity, no specific regulatory body oversees its development and there are no stipulations regarding the need to obtain any authorisation from the Energy Regulatory Commission (CRE).

How much electricity does Mexico generate from renewable sources?

According to data presented by the Mexican Ministry of Energy in 2020, Mexico had an installed capacity to generate electricity from renewable sources of approximately 31.2 per cent.

Will Mexico be key to the electric vehicle boom?

The country likely holds around 17 other deposits, across Baja California Sur, Coahuila, San Luis Potosí, Sonora and Zacatecas, that are largely undeveloped. As demand for lithium increases, alongside battery storage

innovations, we expect Mexico to be key to the much-anticipated electric vehicle boom and other battery developments.

Why is Mexico developing a hybrid solar power plant?

In response to more frequent blackouts, Mexico recently developed hybrid plants that have both a solar power generating capacity and battery storage capabilities. As Mexico expands its solar market, we expect companies to increase their investment in battery storage operations to optimize the solar power generated across the country.

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