

# Storage electric Mexico

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## Overview

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Solar power has come a long way in Mexico, with 6,160 MW of cumulative utility-scale solar capacity at the end of 2021. However, the country's battery storage facilities are still limited, meaning that power generation is not optimized. As solar power can only be produced during daylight hours, battery storage allows this energy.

Battery storage is available across many electronic devices and has become a vital component in our daily lives. Lithium-ion batteries are well known.

We believe Mexico will be key to the future of the development of lithium batteries as home to the world's largest single lithium field - "La Ventana" in Sonora. The country likely holds around 17 other deposits, across Baja.

Mexico has the potential to leverage its resource power, with its huge lithium reserves, to play an integral role in the future of the global battery sector. However, the.



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### Opportunities for Battery Storage Technologies in Mexico

provide services to the Mexican electric grid, and while several operational and regulatory challenges still need to be overcome, there is considerable potential for battery storage to offer valuable economic and reliability services going forward.

### ELECTRICAL ENERGY STORAGE IN MEXICO

Electrical energy storage systems (EES) are often entirely and exclusively associated with energy shifting, i.e. the matching of generation with consumption, as their only or principal role in the electric



### Mexico Issues Provisions to Integrate Electric Energy Storage ...

On May 6, 2024, Mexico's Energy Regulation Commission (CRE) published on the National Commission for Regulatory Improvement (CONAMER) website the preliminary draft of the agreement issuing the General Administrative Provisions for the Integration of Electric Energy Storage Systems into the National Electric System (DACG).

### Opportunities for Battery Storage Technologies in Mexico

We expect battery storage technology to be



highly valuable in Mexico's green energy transition, helping it to become a renewable power hub in the Americas over the coming decades. Contact us to learn more about onsite solar with energy storage in Mexico.



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### Quartux deploying biggest unit in Mexican energy storage market

Quartux buys its battery cells and components from abroad and integrates them into energy storage systems in Mexico. Fajer said the company is active in more than 60% of Mexico's territories across 10 different industries, hotels being a significant one of them.



### Strong Fundamentals for Energy Storage in Mexico

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



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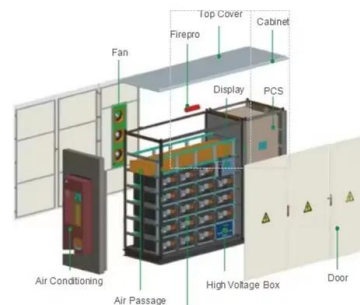


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## 1. Review of experiences and trends in electricity storage ...

Electricity storage technologies might have a growing role to address some of these challenges in a cost-efficient way while promoting the decarbonisation of the Mexican power sector. Energy storage technologies can support energy security and climate change



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Mexico's Energy Regulation Commission CRE approved the General Administrative Provisions for integrating Electric Energy Storage Systems for modalities



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