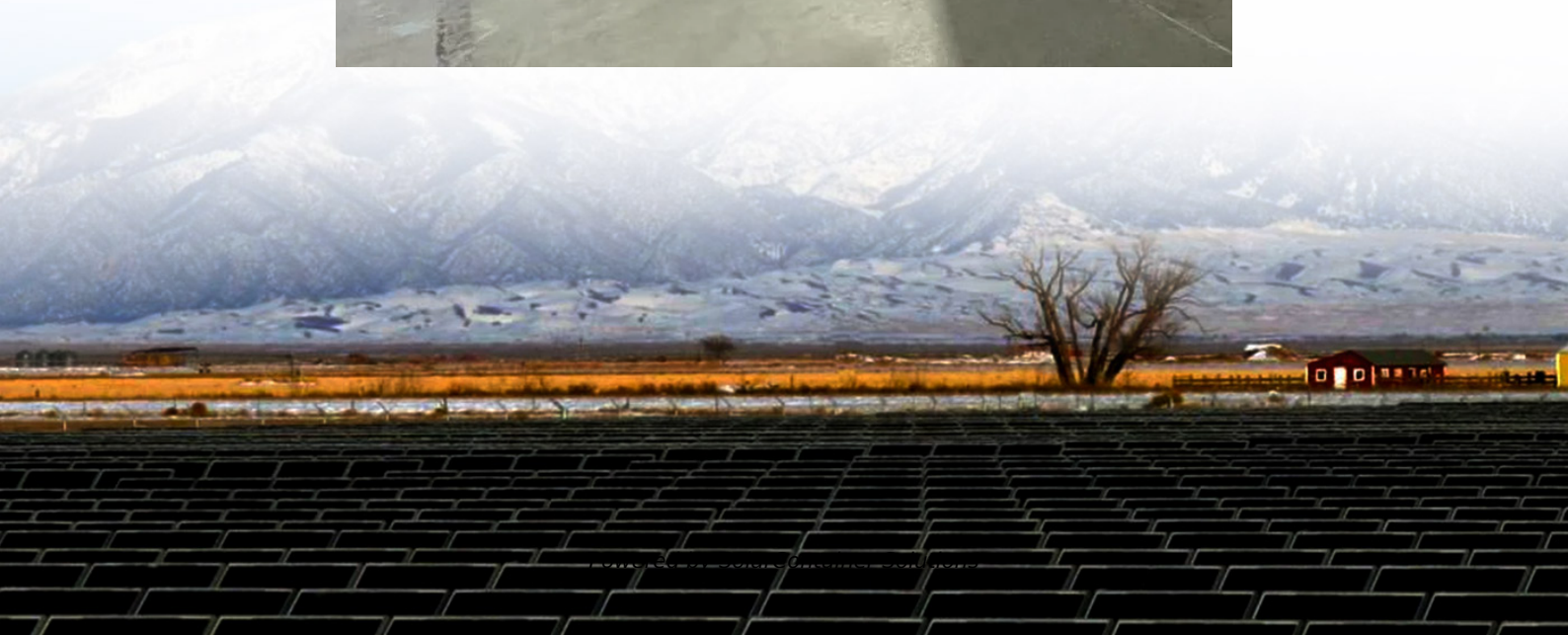


Mexico Energy Storage Retrofit Project





Overview

This transformation involves balancing state oversight with private investment to modernize the grid, integrate Battery Energy Storage Systems (BESS), also known as Sistemas de Almacenamiento de Energía Eléctrica (SAE), and deploy 27 gigawatts (GW) of renewables over the next five years. Will Mexico colocate battery energy storage systems?

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 Senate on Tuesday.

Does Mexico have a 30% energy storage mandate?

A month after India introduced an energy storage mandate for renewable energy plants and China scrapped its own, Mexico has stepped forward with an ambitious 30% capacity requirement, alongside plans to add a further 574 MW of batteries by 2028.

Who is launching a new energy storage model in Mexico?

That model has also been launched by other players in the Mexican energy storage market, most recently renewable energy company Fotowatio Renewable Ventures (FRV) together with US-based energy analytics and software company Energy Toolbase and local developer Ecopulse.

Does battery storage provide services to the Mexican electric grid?

While battery storage does not currently 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.

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



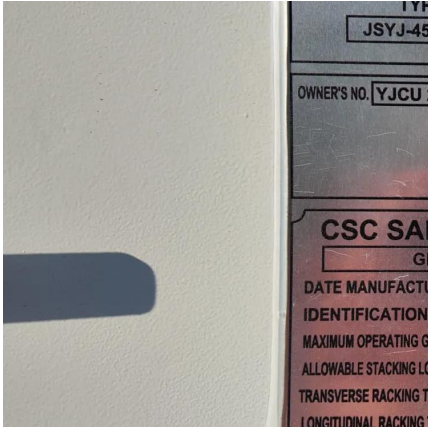
body oversees its development and there are no stipulations regarding the need to obtain any authorisation from the Energy Regulatory Commission (CRE).

How will Mexico's energy reforms affect the private sector?

Islas said that the energy reforms, which went into effect earlier in March, provide a series of mechanisms for the private sector to participate in the electricity market. The first option is for a private company to sell all the electricity produced by a renewable energy plant to Mexico's state-owned utility CFE.



Mexico Energy Storage Retrofit Project



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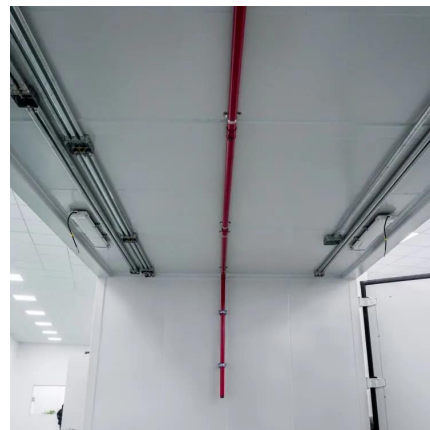
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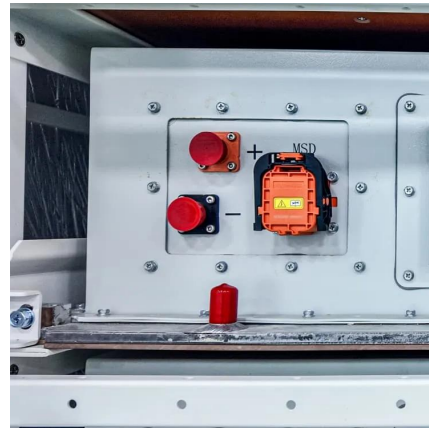




[Opportunities for Battery Storage Technologies in Mexico](#)

This report provides a high-level summary of the role that battery storage technologies can play in Mexico's transition toward higher penetrations of variable renewable energy generation.

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The rise of utility-scale energy storage technologies in Mexico

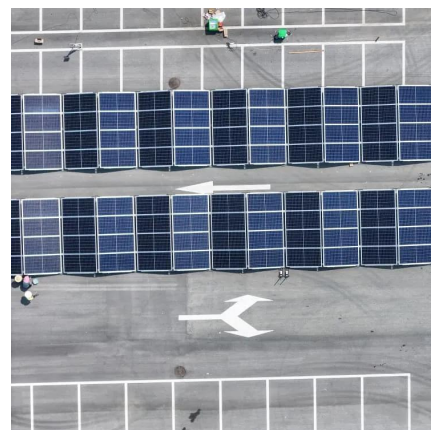
Many businesses adopt energy storage, but hurdles such as transmission rates and market limitations hinder cost-effective deployment. The text emphasises the global ...

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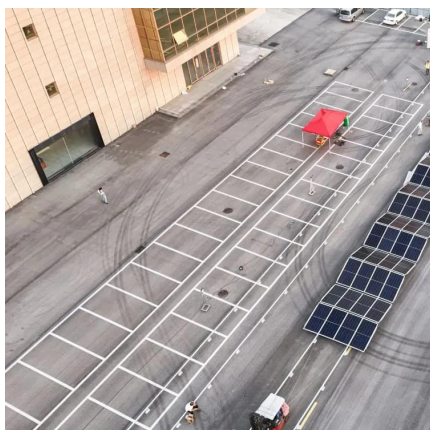
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Public Service Company of New Mexico's (PNM) shift, supported by power purchase agreements on four generation and storage projects, also ...

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Priority projects for the implementation of CCS power generation ...

It is reasonable to assume that a large fraction of this capacity needs to be installed with CCS. In March 2014, Mexico launched its CCUS technology roadmap containing ...

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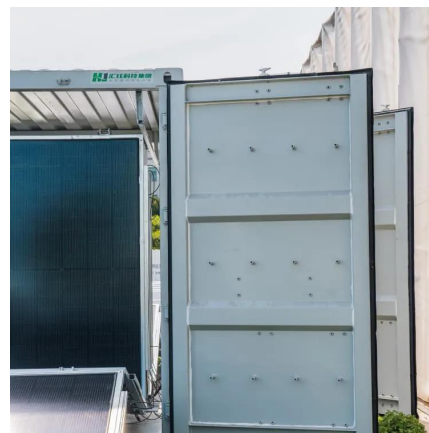


[Clearway Brings Online Its First Battery Energy ...](#)

The project represents Clearway's latest investment in its nearly 850 MW battery energy storage portfolio in operation and construction.

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