

Kongres Container

Mexico Energy Storage Power Supply Procurement

- ☑ High energy density and long cycle life
- ☑ Modular structure

No need to replace the battery

Shorter charging time

Meets 99% EV car



Overview

According to Mexico's Indicative Plan for Power Plant Installation and Decommissioning, from 2024 to 2038, Mexico plans to add 8412MW of Battery Energy Storage Systems (BESS). The new regulations require that energy storage devices must be registered like power plants and represented by power generation companies. This means that power generation companies can sell the electricity produced by these storage devices just like selling other types of electricity. 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.

Can Mexico unlock the full potential of energy storage solutions?

Mexico can unlock the full potential of energy storage solutions by fostering greater integration of renewable energy, supporting grid stability, and improving regulations related to battery storage.

How can Mexico accelerate investment in energy storage?

Mexico must set a legal definition of energy storage and clear market regulations. As a late mover, Mexico can select projects with less technological uncertainty. Procurement targets accelerate the formation of a storage market in the short term. Financial incentives are necessary to accelerate investment in energy storage.

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.

Will Mexico start energy storage RD&D projects?

The roadmap suggests developing regulations and promoting research, development and demonstration (RD&D) projects , but these proposals have not yet been adopted as a formal policy guideline. Nevertheless, Mexico is expected to start energy storage RD&D projects in the next years.

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.

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