

New energy storage project installed capacity in Mexico



Overview

According to the Strengthening and Expansion Plan for the National Electric System released earlier this year, CFE aims to deploy 2,216MW of battery storage by 2030, an investment estimated at around US\$2. Renewables accounted for 31% of the country's cumulative installed capacity of 102GW in 2022 (IRENA, 2023). Mexico has continued to slip as a. 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. It also revealed that the incorporation of 8,412 MW of energy storage systems is planned for the 2024-2038 fiscal year. From pv magazine LatAm The Mexican authorities have reported a growing number of PV projects submitted for approval.



Article Content

Mexico GES2024

Notable projects include a 190MW storage project co-located with the 1GW Puerto Peñasco solar PV plant developed by Quartux (Energy Storage News, 2023).

Mexico to add over 1.5 GW of clean power and storage as it expands ...

Phase III of the project will add 300 MW of solar PV capacity and 90 MW of battery energy storage with a three-hour duration, with an estimated investment of MXN 6.49 billion.

Mexico advances new wave of large-scale solar and storage projects

Mexico is seeing a surge of large-scale solar and battery storage proposals across multiple states following an October decree that sets clearer rules for private energy investments.

Global energy storage market surpasses 100 GW

The global energy storage market achieved substantial 43% year-on-year growth in 2025, with 106 GW of new capacity added worldwide. This

List of energy storage power plants

The energy is later converted back to its electrical form and returned to the grid as needed. Most of the world's grid energy storage by capacity is in the form of

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New US battery capacity in 2026: 24.3 GW of new battery storage to

Project developers and utility operators are preparing for a historic expansion of the US electric grid, with 86 GW of new utility-scale generating capacity slated to come online in 2026, and

Mexico emerges as benchmark for energy storage

The plan projects that Mexico will require 8.4 GW of energy storage capacity by 2038 to support the integration of intermittent renewable sources and

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Mexico Sets Solar Power Surge With Approval of 2.4 Gw Projects

Mexico's updated grid code mandates that every new solar or wind installation incorporate battery energy storage systems to at least 30% of their installed capacity.

U.S. Adds 58 GWh of New Energy Storage Capacity in

The U.S. energy storage industry installed a record-shattering 57.6 GWh of new capacity in 2025, the largest year of new additions on record.

Megapack

Megapack is a utility-scale battery that provides reliable energy storage, to stabilize the grid and prevents outages. Find out more about Megapack.

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...

BNEF forecasts record 2025 for global energy storage

The global market for energy storage is set to reach unprecedented levels next year, with utility-scale projects leading the charge, according to

Press | Company | Siemens

Press Release 22 April 2026 Siemens fortifies cyber resilience to ensure energy supply for critical infrastructures New Managed Detection and Response (MDR) service from Siemens

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Earlier in March, Mexico introduced administrative provisions regulating the integration of energy storage systems into the National Electric System. It also revealed that the incorporation of 8,412 MW of

The Potential of Battery Storage in Mexico's Energy

Battery Energy Storage Systems (BESS) have gained momentum in Mexico, with both the federal government and private companies ramping up plans to install

New report: EU installs 27.1 GWh of new batteries in 2025 as utility ...

27.1 GWh of new battery capacity installed in 2025, marking the EU's 12th consecutive record year for battery storage deployment. 55% of all new capacity came from utility-scale systems,

Mexico's New Energy Storage Regulations Require 30% Battery

According to the regulations promulgated in March 2025, all new solar and wind power projects must be equipped with battery systems equivalent to 30% of their installed capacity, with a

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