

# Mexico Energy Storage Policy in 2022

What is Mexico energy storage?

Mexico Energy storage was first included as part of Mexico's long-term policies in the Transition Strategy to Promote the Use of Cleaner Technologies and Fuels published by SENER in 2016.

Should energy storage be regulated in Mexico?

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.

How can Mexico promote energy storage?

To accelerate investments and promote the formation of a storage market, Mexico should introduce technology-push and market-pull policies simultaneously. Procurement targets could be used if policymakers decided that energy storage is a short-term priority, as in the case of the US.

What are Mexico's energy transition goals?

1. Introduction Following the Energy Reform of 2013 and the Energy Transition Law of 2015, Mexico set a national strategy for the decarbonisation of the electricity sector and established three clean energy transition goals: 35% of the total electricity production must come from clean energy by 2024; 37.7% by 2030; and 50% by 2050 . 1

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.

Should energy storage be considered a transmission and distribution asset in Mexico?

In Mexico, defining energy storage as a generation or a transmission and distribution asset is not only critical to establish revenue streams, but also to determine whether EST will be able to operate under a regime of free competition.

The Mexican government has tried to reverse this dependency on private power initiatives through the strengthening of PEMEX and CFE. The country's electricity demand ...

The map displays the resources and energy infrastructure of the region as of 2022. Data is available for mining, electricity generation capacity, natural gas and oil infrastructure, as well as the vulnerability of these resources and energy supply infrastructure to climate impacts in the region. This information is based on IEA analysis carried ...



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A plan concerning the installation and retirement of power plants, prepared as part of the National Electric System's development program, projected Mexico could install 4.5 GW of energy storage sites between 2022 and 2036. Mexico is playing catch-up, with the world having installed around 10 GW of non-pumped-hydro energy storage sites by ...

The program will benefit companies willing to invest in distributed generation (DG) solar projects paired with energy storage systems. Mexico's Development Bank (Bancomext), a Mexican ...

By investing in advanced energy storage technologies like batteries, Mexico can not only store excess energy generated during peak production, but also deploy it during periods of high demand or when renewable sources ...

diciembre 2, 2022 Pilar Sánchez Molina. Almacenamiento de energía ; Baterías ; FV Comercial & Industrial ... En este 2022, la empresa ha lanzado Frigarsa Energy Storage-as-a-Service, un proyecto de almacenamiento de energía para el sector industrial mexicano. Ubicado en el centro industrial de Iztapalapa, en Ciudad de México, Frigarsa ENSaaS es el primer gran proyecto de ...

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The Mexican government has tried to reverse this dependency on private power initiatives through the strengthening of PEMEX and CFE. The country's electricity demand also increased, in 2022 as well, when Mexico consumed 333.5GWh of electricity. This represented an increase of 10.8% compared to the consumption of 301GWh in 2021, one ...

Mexico's energy transition law established a target for meeting at least 35% of its electricity generation from clean energy sources by 2024. In 2021, Mexico generated 86.27 TWh or 26.7% of its electricity from clean energy resources. By 2024, electricity demand is ...

Global investment in battery energy storage exceeded USD 20 billion in 2022, predominantly in grid-scale deployment, which represented more than 65% of total spending in 2022. After solid growth in 2022, battery energy storage investment is expected to hit another record high and exceed USD 35 billion in 2023, based on the existing pipeline of projects and new capacity ...

Energy Systems Integration Newsletter: April 2022. In this edition, NREL analysis shows Mexico's potential as a clean energy powerhouse, NREL's Power Electronic Grid Interface helps de-risk big changes in grid

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In terms of energy storage, some studies introduced different methods and technologies to store energy. For instance: 1) using different kinds of battery (e.g., flow battery, lithium battery ...

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