

# Mexico Electricity Supply Bureau Energy Storage Power Station

Can electric energy storage systems be used in Mexico?

Within the scope of the GIZ analysis about the economic condition for the use of Electric Energy Storage Systems (EESS), in Mexico in general, and in the Mexican isolated grid of Baja California Sur in particular, an analysis has been carried out on the potential of these LTA.

What is the national power system in Mexico?

Mexico's National Power System (Sistema Eléctrico Nacional or SEN) is one of the largest in the Western Hemisphere. It is comprised of nine regions, plus a binational electricity system in Baja California. Most of the nine regions are interconnected, forming the National Interconnected System (Sistema Interconectado Nacional or SIN).

Can a battery energy storage system complement a PV plant in Mexico?

An analysis was carried out to verify if it would be commercially feasible to operate a Battery Energy Storage System (BESS) to complement the operation of a PV plant in the Mexican market. This PV plant would generate a revenue through the contracting via the 2015, 2016 or 2017 LTAs in Mexico.

What opportunities are there in Mexico's electrical power industry?

Mexico's electrical power industry mainly offers opportunities for U.S. products, services, and technologies for energy efficiency, distributed generation, energy storage, small-scale renewable energy projects, and distribution networks. The U.S. Commercial Service Mexico is ready to assist you in exploring these opportunities in Mexico.

How much electricity does Mexico use in 2022?

According to Mexico's National Power System Development Program (Programa de Desarrollo del Sistema Eléctrico Nacional or PRODESEN), the electricity consumption of the National Electricity System was 333,662 GWh in 2022, which represented an annual increase of 3.4 percent.

What is the future of power generation equipment in Mexico?

The market for power generation equipment in Mexico is estimated to increase 1.05 percent from 2022-2023, while exports from the United States to Mexico are expected to increase 0.93 percent.

SAE-CE: Electrical energy storage system associated with an intermittent power plant (i.e., a power plant that generates electricity from variable energy sources, such as wind ...

Among other things, it establishes that electric energy storage equipment must be registered as a power plant and must be represented by a generator. Generators may bid for ...



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This project was developed under the New Mexico Energy Initiatives Consortium at New Mexico Tech (NMT) and was made possible through a collaborative effort between NMT and IMT Al&#232;s ...

The DACG aim to establish the modalities and general conditions under which the integration of Electric Energy Storage Systems (SAE) into the National Electric System (SEN) ...

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