

SolarInnovate Energy Solutions

Mexico Intelligent Communications BESS Power Station Company



Overview

What is a Bess system in Mexico?

BESS systems have a wide range of applications in different industrial and energy sectors. The best candidates for implementing these systems in Mexico are companies with electricity bills exceeding 400,000 pesos per month (GDMTH, DIST, and DIT rates). These systems are ideal for sectors such as:.

What is a Bess system?

The BESS system is designed to store electrical energy in batteries and manage its use efficiently. Unlike a conventional battery, a BESS system not only includes batteries, but also components such as inverters, transformers, and an EMS (Energy Management System, which is control software).

Who designed & supplied the Bess (battery energy storage system)?

We collaborated with CFE (Mexican Federal Electricity Commission) to design and supply the BESS (Battery Energy Storage System) for this project. The project achieved Commercial Operation Date (COD) in April 2023, and the President of Mexico visited the energy storage plant delivered by us.

What is the first government-level photovoltaic + energy storage project in Mexico?

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Why do companies need a Bess system?

Sustainability: By charging batteries during off-peak hours, when energy is generated using cleaner technologies, and discharging them during peak hours, when more polluting sources are used, BESS systems help reduce companies' carbon footprint.

What are the benefits of a Bess system?

Economic savings: BESS systems can reduce electricity bills by up to 35% by optimizing consumption during peak hours and reducing demand peaks.

Power backup: BESS systems can guarantee operational continuity by storing energy that can be used when the power grid is not supplying power to the customer.

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The Imperative of Battery Energy Storage Systems (BESS) in Mexico

Jun 3, 2024 · At ONPEAK Energy, we work with large energy users in Mexico to identify and size BESS systems tailored to their specific needs. We have partnered with top companies to ...

The Potential of Battery Storage in Mexico's Energy Transition

Aug 5, 2025 · In recent years, BESS has shifted from a niche solution to a critical component of Mexico's energy strategy. Enrique Garduño, CEO, Skysense, a company specializing in ...

LIQUID COOLING ENERGY STORAGE SYSTEM

EMS real-time monitoring
No container design
flexible site layout



Cycle Life
≥8000

Nominal Energy
200kwh

IP Grade
IP55

What Is BESS? a Comprehensive Overview of Battery Energy ...

Jun 11, 2025 · BESS, short for Battery Energy Storage System, is an advanced energy storage technology solution widely adopted in the renewable energy sector. Within the industry, it is ...



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