

SolarTech Power Solutions

Honduras Peak Shaving Energy Storage Project



Overview

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Last week (7 November) saw bids opened for a 75MW/300MWh BESS tender launched by the government of Honduras, in Central America. The public event marked the opening of bids for the energy storage procurement, called LPI-001-ENEE-UEPER-2024, for the 'Supply, installation, testing and commissioning.

The National Electric Power Company (ENEE) has selected a Chinese-Honduran consortium to design, supply, install, test, and commission a grid-connected battery energy storage system (BESS) at the Amaratéca substation in the department of Francisco Morazán. Honduran state-owned utility ENEE has.

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It's 3 PM in Tegucigalpa, the tropical sun is blazing, and suddenly half of Central America's air conditioners cough and sputter like a vintage pickup truck. That's exactly what happened during the March 2025 regional blackout that left Honduras scrambling [4]. This wake-up call revealed why.

Peak shaving is a strategy for consumers to reduce their electricity usage when the electricity demand is at its highest, or "peak" level. This peak demand usually occurs during certain hours of the day when most people use

electricity. It's a smart solution to optimize energy usage and reduce.

What Is "Peak Shaving" and How Does It Create Value for Energy Storage Projects?

Peak shaving uses stored energy to reduce maximum power demand during high-price periods, creating value through cost savings. What Is "peak Shaving" and How Does It Create Value for Energy Storage Projects?

Peak.

Honduras Peak Shaving Energy Storage Project

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