

Renewable generation now accounts for 22% of Honduras' electricity mix, but growth has been limited by its transmission system operator (TSO) CND to ensure quality and security of supply. Energy storage will be key to continuing to ensure that while increasing renewables, the CREE said.

Honduras announces a tender for the installation of an energy storage system with batteries (BESS) at the Amarateca substation, aiming to improve electrical supply stability. Deadline: October 23, 2024.

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While the U.S. was expected to have nearly 60 GWh of installed battery capacity by the end of 2023, AMI estimates that Latin America had less than 1 GWh of operational BESS projects--a 60x difference. This large gap will be bridged at different speeds based on each country's specific regulations.

This Renewables Readiness Assessment (RRA), developed in co-operation with the Honduran Energy Secretariat (SEN), identifies key barriers and solutions to meet Honduras' targets for renewable energy development and expansion.

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Flexible power generation technology answers Honduras island's energy demands. Storage technology optimises engine plant performance and facilitates renewables integration. A major sustainable energy transition is happening in the Caribbean.

Solar and wind have exploded in countries such as Chile, Honduras, Peru, Brazil and most recently Argentina, where the RENOVAR program has awarded 2,400 megawatts of projects. Although its current impact is minimal, energy storage -- and specifically battery storage -- will play key a role in this transformation.

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