



SolarTech Power Solutions

Cuba Energy Storage Project Investment



Overview

What is the energy situation in Cuba?

The energy situation in Cuba is critical. The Cuban electrical system has suffered for years due to a lack of investment, aging infrastructure, and difficulties in obtaining fuel. First published in Spanish by *El Toque* and translated and posted in English by *Havana Times*.

How much energy will Cuba generate by 2025?

In 2019, Cuba signed an agreement with the United Nations for Project 180087, committing to generate 29% of its energy from renewable sources by 2025. The project was scheduled to conclude on June 30, 2023, with a budget of \$3.4 million. The Cuban state forecasts generating 30,000 GWh by 2030, an almost unattainable goal.

Will Cuba build a new thermoelectric plant in 2023?

The project was scheduled to conclude on June 30, 2023, with a budget of \$3.4 million. The Cuban state forecasts generating 30,000 GWh by 2030, an almost unattainable goal. Not only are there no plans to build new thermoelectric plants, but the National Electric Union (UNE) currently supplies only 56.6% of the energy it provided five years ago.

Does the flow of the Cuban rivers increase hydroelectric generation?

The flow of Cuban rivers does not allow for a significant increase in hydroelectric generation, which has declined since 2018. That year, 145.5 GWh were generated, compared to only 106.5 GWh in 2023. The wind energy investment plan includes installing 633 MW.

Is Cuba facing a severe economic crisis?

Compounding these problems, Cuba is facing a severe economic crisis, with rising inflation, decreased exports, and the introduction of austerity measures. Overcoming these energy challenges amidst the economic crisis will be

extremely difficult.

What does the EDF report tell us about Cuba's electric grid?

The report builds on a previous report published by EDF in 2017. That report, similar to this one, provided information on Cuba's electric grid and recommended paths forward.

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