

PDEOZE PowerContainer

Cuba Communication Base Station Wind Power Infrastructure Construction Project



Overview

What is Cuba doing to increase energy supply?

On Tuesday, Cuban authorities announced that the administration of President Miguel Diaz-Canel has devised a strategy to increase energy supply through the use of renewable energy, the installation of new power plants, and the repair of existing infrastructure.

How many MW will Cuba add to the national energy system?

This will add 1,200 MW to the National Electroenergetic System (SEN). Cuban authorities also informed the recovery of 22 wind power generators that are part of the wind farm located in the province of Las Tunas, which will contribute 33 MW to the national system. However, 11 more engines remain to be restored.

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.

What happened to Cuba's power plant?

The situation came to a head on Friday, when Cuba's largest power plant malfunctioned, joining several smaller plants already offline. Foul weather had also stalled the arrival of fuel from tanker ships offshore, starving the island's power plants. The combination prompted the entire grid to collapse.

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.

What happened to Cuba's electricity grid?

(Reuters) - Cuba's national grid collapsed on last Friday, leaving the entire population of 10 million people without electricity and underscoring the precarious state of the Communist-run country's infrastructure and economy. Restoration of service is under way but long-term challenges will remain.

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