

Havana Off-Grid solar Power Generation System





Overview

What is the first solar photovoltaic park in Havana?

HAVANA TIMES – On February 21, 2025, the first solar photovoltaic park was inaugurated, with a capacity of 21.8 MW. The project, located in Cotorro—on the outskirts of Havana—is part of the island's government's bet on solar energy to address the country's dire electricity situation.

Will Cuba get more solar energy by 2030?

By 2030, the country aims to generate more than a third of its electricity from solar parks and other renewable sources. Cuba on Friday unveiled a new solar energy park in the capital Havana, part of an ambitious project to alleviate the communist island's increasingly desperate struggle with power blackouts.

How many solar parks will Cuba build by 2025?

The Cuban government's plan is to install 55 solar parks similar to the one in Cotorro by 2025. The total capacity will be 1,200 MW. These are part of a broader project running until 2028, which aims to build 92 parks, with the goal of adding more than 2,000 MW to the National Electro-Energy System.

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.



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[Cuba opens solar park hoping to stave off blackouts](#)

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[Cuba to install 1,000 mw of photovoltaic energy in two years](#)

Havana, Oct 15 (Prensa Latina) Cuba is reportedly boosting the use of photovoltaic solar energy, and is carrying out two projects since early 2024 to add 1,000 megawatts in two years



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How many off-grid solar systems are there in Cuba? By the end of 2014, over 1,500 off-grid solar systems were powering clinics, schools, community centers, and homes located in remote ...

Solar PV Analysis of Havana, Cuba

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What We Know of the Cuban Government's 55 Solar Park Plans

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