



MODERNIZATION SOLAR

# Havana solar Cell Module





## Overview

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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.

How much does a PV system cost in Cuba?

For newly constructed utility-scale PV systems, the LCOE ranges between 2.95 and 5.86 €Cents/kWh, whereas for less than 7.5 €Cents/kWh almost all newly installed large rooftop PV systems can generate electricity in Cuba.



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### [Cuba: The "Fine Print" of the Photovoltaic Solar Parks](#)

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Maximise annual solar PV output in Havana, Cuba, by tilting solar panels 20degrees South. Havana, Cuba, situated at 23.1492° N, -82.395° W, ...



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### [What We Know of the Cuban Government's 55 Solar Park Plans](#)

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## [Building Hurricane-Resistant Solar Panels for the Caribbean](#)

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## [Photovoltaic parks in Cuba: science and innovation project](#)

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## Solar PV Analysis of Havana, Cuba

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## Modelling of the efficiency of the photovoltaic modules

Jul 15, 2021 · Photovoltaic power generation capacity is increasing tremendously as a result of strong renewable energy policies and environmental concerns. In particular, the use of solar ...

## Photovoltaic parks in Cuba: science and ...

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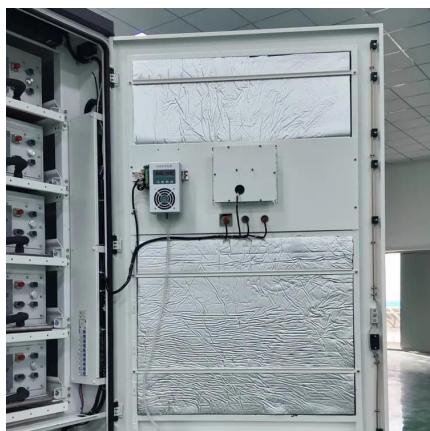
## Cuba Accelerates Solar Expansion with 2,000 MW Plan by 2028

Sep 4, 2025 · Cuba launches new solar parks aiming for 2,000 MW by 2028, tackling energy crisis with Chinese-backed tech and renewable energy investments.



## What We Know of the Cuban Government's ...

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## Cuba Completes 130 MW of Solar Capacity

Apr 12, 2025 · Earlier, in February 2025, two additional solar plants, each with a 21.8 MW capacity, began operating in Cotorro, near Havana, and Abreus in Cienfuegos. These, ...

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