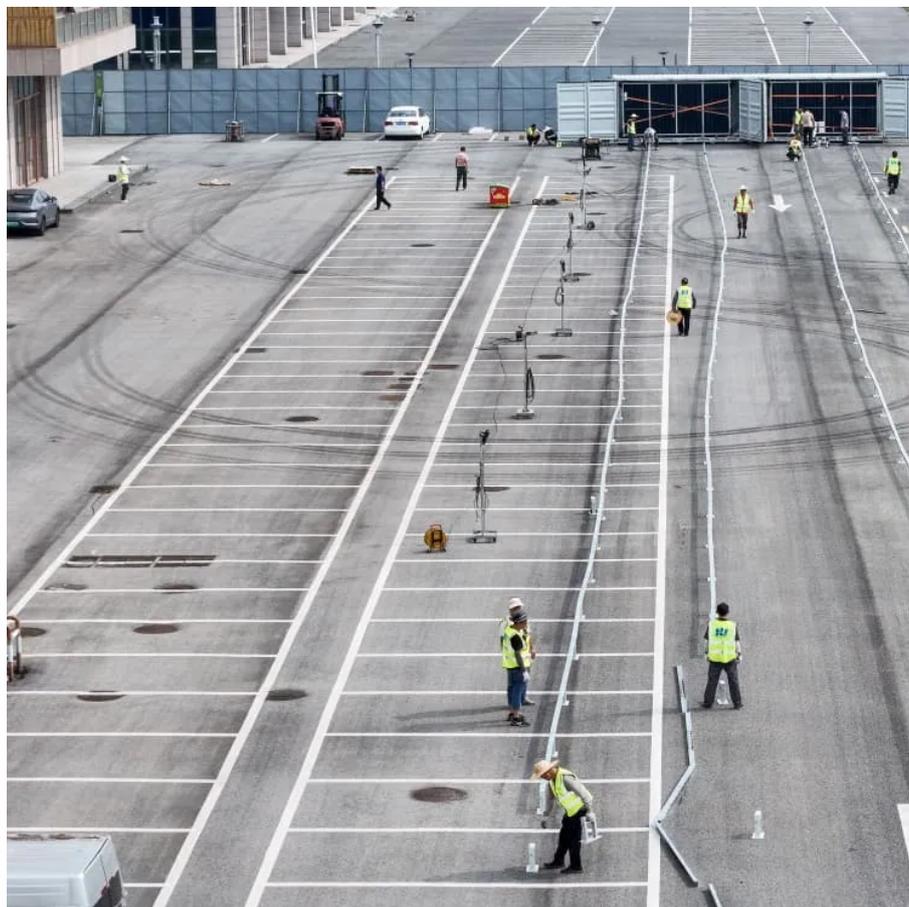




Cuba Energy Storage solar





Overview

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.

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The plan aims for one thousand megawatts of solar energy by 2025, but without installed batteries, which prevents meeting nighttime demand and limits its effectiveness against persistent blackouts. The Cuban government announced that it plans to incorporate one thousand megawatts (MW) of solar.

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. According to.

The Cabaiguán photovoltaic park, with a capacity of 21.87 MW, located in the central province of Sancti Spíritus, began operations after just over two months of installation. This is part of Cuba's national plan that calls for the construction of 55 solar parks by 2025, each with a capacity of 21.8.

The Cuban government has pledged to add 1,000 megawatts (MW) of solar power to the National Electric System by 2025, as part of an expansive initiative that plans to establish around 50 solar parks throughout the island. However, this project faces a significant hurdle: the absence of storage.

Yet Cuba's power outages increased by 23% in 2023 despite adding 450MW solar capacity. What's really going wrong?

Cuba currently operates 186 renewable parks generating 25% of its electricity. But here's the kicker - less than 15% have proper energy storage systems. "We're basically throwing away.



With its aging power infrastructure and reliance on imported fossil fuels, Cuba's push for energy storage solutions isn't just trendy—it's survival. Over the past decade, blackouts lasting 8–10 hours have plagued households and businesses. But here's the twist: Cuba's renewable energy capacity grew.



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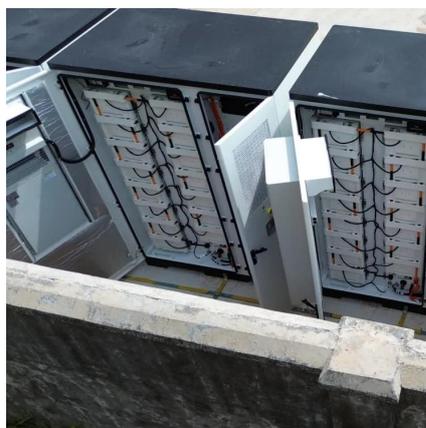
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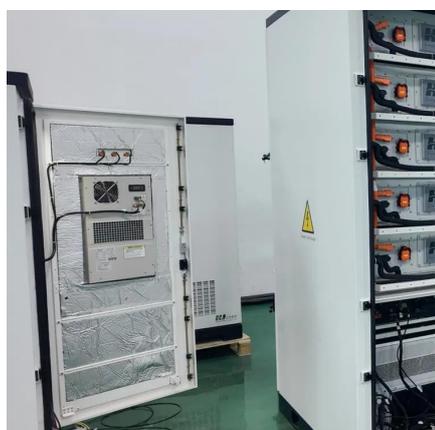
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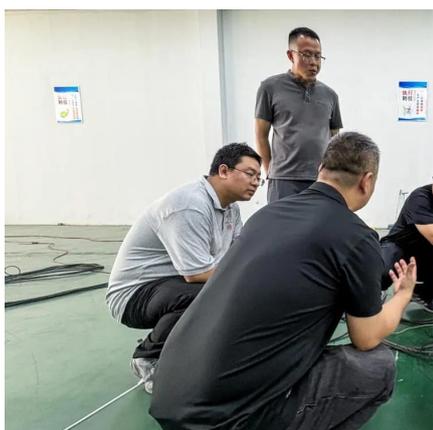
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