



Cuban solar Power Plant Generator





Overview

Are floating power plants a symptom of Cuba's power crisis?

To help compensate for power deficits, Cuba in 2019 started renting floating thermal power plants from other countries such as Turkey's Karpowership. By 2023, eight of these kinds of ships were floating in Mariel Bay, Havana Bay, and Santiago de Cuba Bay. But their fate is now just another symptom of the crisis.

What's going on with Cuba's power supply?

The dire state of Cuba's power generation infrastructure, largely dependent on oil from Venezuela, has seen the country of 10 million people struggle with near daily outages in some regions in recent months. In some provinces, electricity access is limited to a few hours a day.

Why does Cuba have a bad energy system?

Cuba's energy system also suffers from years of reliance on domestic, poor-quality heavy crude oil, which is corrosive because it's high in sulfur. This has accelerated the wear and tear on boilers, turbines, and pipes in Cuba's power plants, shortening their life spans and causing frequent and costly outages.

What is the Cotorro solar project?

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 Ricardo Mengana, director of the Renewable Energy Sources Company, the Cotorro park began operating in test mode on the Monday prior to its inauguration.



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Not far from the ruins of an unfinished nuclear power plant in the Cuban province of Cienfuegos, hundreds of workers are hastily ...

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In February 2025, just before the inauguration of the Cotorro solar park, the country experienced blackouts that affected more than ...



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Starting from the beginning of 2025, Cuba commissioned two solar power plants (SPPs) with the total capacity of 43.7 MW with total ...

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Cuba has finished building 130 MW of solar capacity across five locations, with each plant featuring 21.8 MW. It aims to connect another 1 GW of utility-scale solar to the national ...



[Cuba's Energy Crisis: A Systemic Breakdown](#)

Cuba's grid infrastructure is so weak that run-of-the-mill problems like transmission line failures and generator trips are causing widespread outages. The unexpected shutdown of ...

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

In February 2025, just before the inauguration of the Cotorro solar park, the country experienced blackouts that affected more than 56% of the island at once, forcing authorities to ...



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[Energy Generation in Cuba To Increase by 2,000](#)

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On Tuesday, Cuban authorities announced that the administration of President Miguel Diaz-Canel has devised a strategy to ...



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The Cuban regime has enthusiastically announced the arrival of eight power generators donated by China in Matanzas, situated at the ...



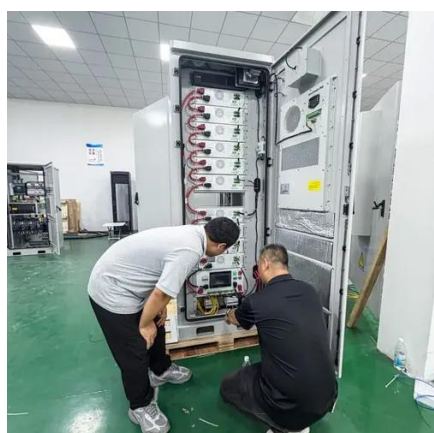
[Cuba opens solar park hoping to stave off blackouts](#)

The government in Havana has said it wants to install at least 55 solar parks by year's end to generate 1,200 megawatts of power -- raising its renewable energy generation ...



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The Cuban government has pledged to construct 55 solar parks with a capacity of 1,200 MW by the end of 2025 and to reach 2,000 ...



[Cuba Accelerates Solar Expansion with 2,000 MW Plan by 2028](#)

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



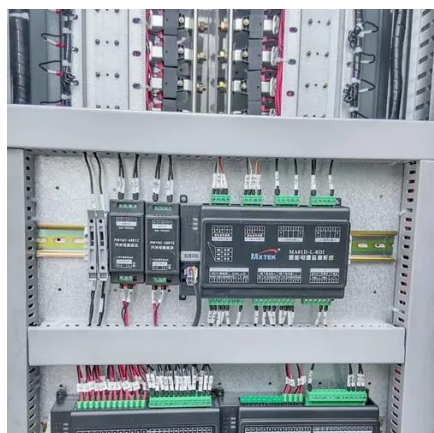
Energy Generation in Cuba To Increase by 2,000 MW During 2025

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 ...



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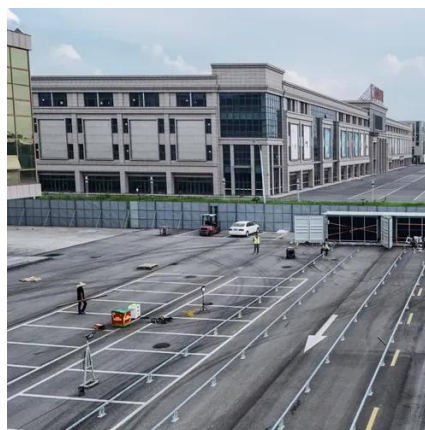
Not far from the ruins of an unfinished nuclear power plant in the Cuban province of Cienfuegos, hundreds of workers are hastily installing 44,000 solar panels as the island seeks ...



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The Cuban regime has enthusiastically announced the arrival of eight power generators donated by China in Matanzas, situated at the Guanábana power plant. These ...



Santiago de Cuba inaugurates its first solar park connected to the

The Cuban government has pledged to construct 55 solar parks with a capacity of 1,200 MW by the end of 2025 and to reach 2,000 MW of photovoltaic generation by 2030.

[Cuba commissioned two solar power plants with the total ...](#)

Starting from the beginning of 2025, Cuba commissioned two solar power plants (SPPs) with the total capacity of 43.7 MW with total annual generation of 70 thou MWh.





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