

## ContainerPower Energy Solutions

# Can Cuba s energy storage power supply be ironed out



## Overview

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As a result, Cubans are experiencing a significant breakdown in basic services, such as the storage of fresh products, basic food preparation, public lighting, and access to businesses. This has forced citizens to take extraordinary measures, like cooking multiple meals at once and working by.

On October 18, 2024, Cuba experienced a catastrophic power failure that left half of the population—10 million people—without power. This massive blackout highlights the vulnerability of outdated power infrastructure, strained by aging oil-fired plants, frequent breakdowns, and fuel shortages.

That's exactly what happened in October 2024 when Cuba's Matanzas thermal power plant tripped offline, triggering the worst blackout in 30 years [1]. With 1,740 MW of electricity shortage during peak hours [2], this crisis revealed Cuba's energy Achilles' heel - an aging fleet of oil-dependent.

Piñón predicts the economic and social collapse of Cuba as a result of constant blackouts that intensified during the summer of 2022. He advocates for a decentralized model of planning that incorporates Public-Private Partnerships (PPPs) to rebuild Cuba's electrical system and ensure its transition.

Last month, Cuba experienced significant power blackouts, plunging the island into darkness. The blackouts resulted from ongoing issues with the country's aging and underfunded power grid, compounded by natural disasters and economic hardships. Tropical storm and hurricane activity in the Caribbean.

Today, the Sabin Center for Climate Change Law and Environmental Defense Fund (EDF) jointly published a new report titled Building a Cleaner, More Resilient Energy System in Cuba: Opportunities and Challenges. The report

provides detailed information on the current state of Cuba's electricity.

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