

## Kongres Container

# Yemen s 1GW energy storage and solar complementary



## Overview

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Will solar power boost power in Yemen?

UAE-based Global South Utilities, an energy and water infrastructure company, is boosting its solar power generation capacity in Yemen to provide electricity to thousands of homes amid growing power challenges in the country.

Why are people moving to solar power in Yemen?

The migration to solar power is part of what researchers say is an energy revolution in the country of 28 million, where the electric grid has been decimated by fighting. More than 50 percent of Yemeni households rely on the sun as their main source of energy, and solar arrays power everything from shops to schools to hospitals.

Can solar power Yemen's Ataq city?

Photo: Global South Utilities UAE-based Global South Utilities inaugurated a 53-megawatt solar project in Yemen to power 330,000 households, significantly enhancing local electricity access. Electricity from the plant will "fully meet" the needs of Ataq City and six surrounding districts.

How does the UN Support Yemen's energy crisis?

The UN has initiated projects with international partners to support Yemen's energy crisis. Through funding from the EU and Sweden's government, the UN Development Programme has undertaken decentralised off-grid initiatives, with a focus on solar power.

How does Yemen's energy crisis affect the economy?

The company is also doubling capacity at its Aden Solar PV Plant to 240 megawatts, enhancing Yemen's energy security and reducing reliance on imported fuel. Yemen's ongoing electricity crisis has led to prolonged blackouts, heavily impacting essential services and quality of life.

## Can solar power save Yemeni rials?

Farmer Mohamed Ahmad Sid El Rassam can attest to those benefits. He built a solar-powered water pump on his land in the region of Beni Hocheich. The setup chopped his diesel use by more than 85 percent, saving him 17 million Yemeni rials (\$68,000) a year.

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