



# Energy storage for microgrids yemen

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Currently, UNDP's solar micro-grids provide a solution and hope for three frontline communities of the conflict in Hajjah and Lahj. UNDP's project is supported by the European Union and implemented by the Sustainable Development Foundation (SDF) and CARE International. And it was recently nominated for the prestigious Ashden Award in Humanitarian Energy which focuses on identifying the most exciting climate action around the world.

Yemen's solar microgrid stations bring hope that being able to adapt to external shocks is vital and renewable energy can play an integral part in providing replicable, bottom-up, low cost and sustainable solutions for humanitarian and development crises.

Reon Energy, a leading clean technology company, announces a strategic partnership with Arabian Yemen Cement Company Limited, a prominent cement player in Yemen. Addressing the specific energy challenges of the cement sector, Reon introduced an intelligent renewable microgrid comprising a 13.5 MW solar power project and a 5.59 MWh Reflex Battery Energy Storage System powered by SPARK™, Reon's Intelligent Energy Management Platform.

The collaboration focuses on key objectives of energy cost reduction and carbon footprint minimization by not only reducing fuel consumption but also improving genset fuel efficiencies through optimal operation.

Reon's CEO, Mujtaba Khan, commented: "This collaboration marks a significant step in our commitment to delivering practical, efficient solutions tailored to industry-specific energy challenges. We look forward to driving positive change in the energy landscape of the cement industry with Arabian Yemen Cement Company Limited."

AYCCL's CEO, Waheeb Al-Azab added: "Our partnership with Reon Energy signifies a monumental stride towards sustainable energy practices, enabling us to harness solar power, significantly reduce our carbon footprint, and optimize fuel efficiency in our operations."

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Yemen: Pakistan-based Reon Energy has won a contract to build a microgrid equipped with a 13.5MW solar power plant and a 5.59MWh battery energy storage system for Arabian Yemen Cement. The energy storage system will employ Reon Energy's SPARK Intelligent Energy Management product. The supplier said that the project aims to reduce energy costs by 20% and lower CO2 emissions from Arabian Yemen Cement's



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operations.

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