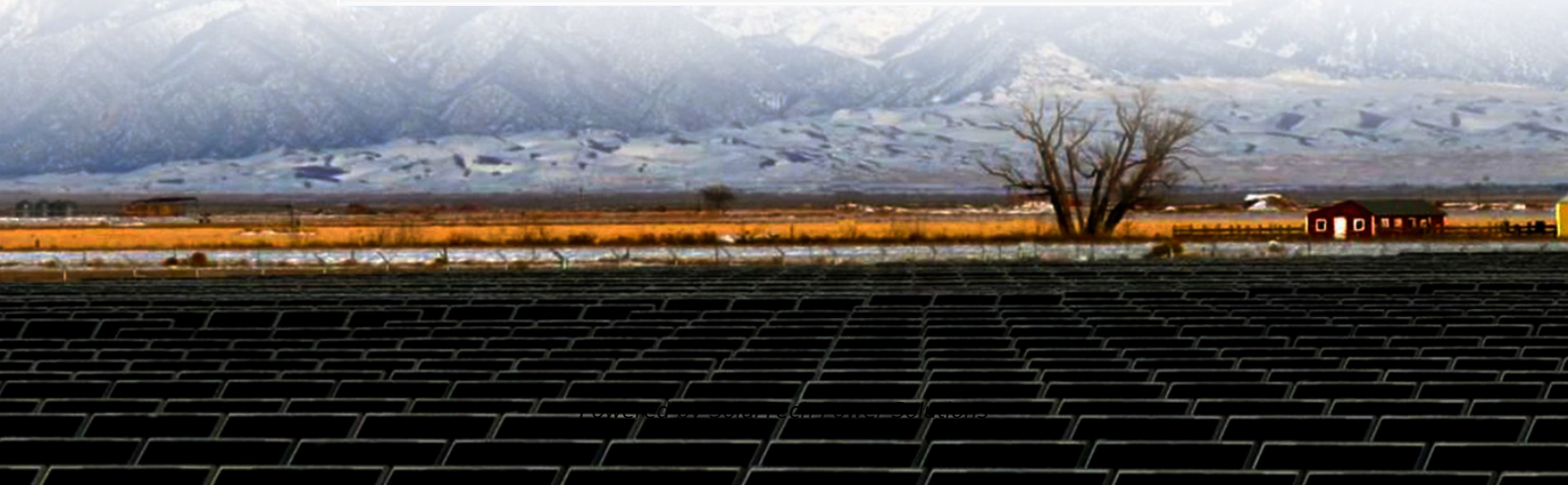


## **SolarTech Power Solutions**

# **South Sudan is suitable for installing solar water pump inverters**



## Overview

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UNICEF has funded the construction of two mini water yards with boreholes equipped with solar powered pumps in South Sudan. UNICEF is currently using solar-powered water pumps in around 35 countries, including South Sudan, with plans to expand.

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In a landmark collaboration with the United Nations Food and Agriculture Organization (FAO), Zhejiang Rison Pumping Tech Co., Ltd (RISON) has successfully delivered a transformative solar water pumping system project in Juba, South Sudan, bringing sustainable water access to 600 rural households.

In an inspiring move towards sustainable development and community empowerment, Aptech Africa- Juba has successfully designed, supplied and installed a solar PV system and a solar water pump at a youth centre in Juba, South Sudan. This innovative project is set to transform the daily operations of.

Hober Solar water pump inverters have emerged as a sustainable and cost-effective solution for addressing water supply challenges. By converting solar energy into the necessary power for water pumps, these inverters ensure a consistent water supply while minimizing environmental impact. This.

According to UC Berkeley's Renewable & Appropriate Energy Laboratory, reducing dependency on fossil fuels by increasing access to renewables could lower costs, improve public health and foster socio-economic stability in this

conflict-affected country. Solar-powered refrigeration represents a.

The solution that FAO and CAA have worked on is simple but ingenious. Using a basic plug and play solar system which powers a small submersible water pump, farmers can use the flexible hose system to water their crops and provide the livestock with water. The system consists of foldable 200Wp solar.

## South Sudan is suitable for installing solar water pump inverters

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