

**SolarTech Power Solutions**

# **Solar Energy System Equipment in East Africa**



## Overview

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Does Africa have solar power?

Africa holds vast solar potential, with 60% of the world's best solar resources, yet solar PV currently accounts for only 3% of the continent's electricity generation. As global efforts intensify to triple renewable energy capacity by 2030, Africa's role in achieving this target is more critical than ever.

How much solar power does east & central Africa have?

This hybrid system features 5.2 MWp of ground-mounted solar power, complemented by 4 MW/8.256 MWh of BESS. Once completed, it will be the first wheeling project in East & Central Africa, setting a new benchmark for the region's renewable energy development.

Who is East African power?

An integrated renewable energy development company delivering affordable and reliable clean energy. East African Power is a long-term, SR-driven business developing, building, and operating utility-scale, small and medium hydro and solar power plants in Sub-Saharan Africa.

How much does solar cost in Africa?

Capital costs for solar are 3 to 7 times higher in Africa than in developed countries, and the continent only receives 3% of global energy investment - far from the \$200 billion per year needed to achieve energy access and climate goals.

Why is solar power important in Africa?

Currently, approximately 43% of the African population lacks access to electricity, with the figure exceeding 80% in rural areas. Solar power offers a sustainable solution to this energy deficit, helping to improve access to electricity while also driving economic development.

Who is East African power (EAP)?

Plus. East African Power (EAP) is an integrated renewable energy development and engineering company delivering affordable and reliable clean energy solutions. We are a long-term, social-impact-oriented IPP business developing, designing, building, and operating hydro and solar power plants in Africa.

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### Contact Us

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