



The largest solar power plant in East Africa





Overview

The Garissa Solar Plant is the largest grid connected solar power plant in East & Central Africa. Currently this. According to the Africa Market Outlook for Solar PV 2025-2028 report, the continent holds 60% of the world's highest-quality solar resources. Yet solar provides only 3% of Africa's electricity generation. 6 MW, will serve over 625,000 people and reduce dependence on fossil fuels. Countries are already harnessing this abundant resource to drive sustainable development, cut fossil fuel reliance, and supercharge economic. Devki Group has taken the lead in the ongoing solar energy revolution in Kenya with the installation of East Africa's largest rooftop plant at its Ruiru factory.



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[Africa's Largest Solar Plant Begins Operations in Kenya](#)

Kenya has inaugurated East Africa's largest solar power project in Garissa County, aimed at reducing energy poverty and expanding electricity access in rural areas. The plant, generating ...

[Top five solar power projects completed in Africa in 2025](#)

Kenya reached a notable achievement in 2025 with the HDF Green Hydrogen Solar PV Project. The 180-megawatt facility combines solar generation with green hydrogen production for ...



[Uhuru opens Garissa's Raya Solar Plant, the largest Solar plant in ...](#)

Garissa Governor Ali Koraine hosted President Uhuru Kenyatta during his official visit to the county to officially commission the Garissa's Raya Solar Plant - the largest such plant in East ...



[Renewable energy in Africa: Capacity, growth and trends 2025](#)

While Europe and Asia lead in solar deployment through the installation of more solar panels, Africa has better natural conditions for solar power. The continent enjoys some of the world's ...



[East Africa's largest private solar plant lifts off](#)

Equator Energy, a leading solar provider in Africa's Commercial & Industrial sector, has commissioned a 10 MW solar power plant at Mombasa Cement Ltd's Vipingo facility.



The 50 MW Garissa Solar Power Plant

The Garissa Solar Plant is the largest grid connected solar power plant in East & Central Africa. This is the first time that Kenya has developed a major solar power plant to harness its abundant solar ...



AMEA Power building Africa's largest solar plant

AMEA Power, Kyuden International, and IFC partner to deliver a 1,000 MW solar PV and 600 MWh battery storage project in Aswan, Egypt, creating jobs and advancing the nation's clean ...



[Devki Unveils East Africa's Largest](#)



Rooftop Solar Plant

DPA Kenya has financed, designed, deployed and will operate and maintain the solar plant that is billed as the largest of its kind in East, West, and Central Africa.



Top ten African nations with the highest solar energy adoption in 2025

Africa's solar energy market continues to grow significantly. In 2025, the continent added more than 5,000 MW solar power capacity. In this article, we breakdown countries leading this drive.

Africa's top 10 largest operational solar energy projects

Extending over 37 square kilometres between Aswan and Cairo on the Nile, the park includes 41 solar power plants. At full operational capacity, the solar park will pump out 1.8 GW of ...





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