

North Africa Power Plant Energy Storage Power Station





Overview

What power plants are in megawatt (MW)?

This dataset shows the African power plants and their installed capacity in MegaWatt (MW). It includes thermal plants (coal, gas, oil, nuclear, biomass, waste, geothermal) and renewables (hydro, wind, solar). Each power plant is geolocated and entries contain information on plant capacity and generation.

Does Scatec have a solar-plus-storage site in South Africa?

Scatec's Kenhardt solar-plus-storage site in South Africa (above), which went online at the end of 2023. Image: Scatec. Africa's energy storage market has seen a boom since 2017, having risen from just 31MWh to 1,600MWh in 2024, according to trade body AFSIA Solar's latest report.

What are the most popular solar-plus-storage developments in Africa?

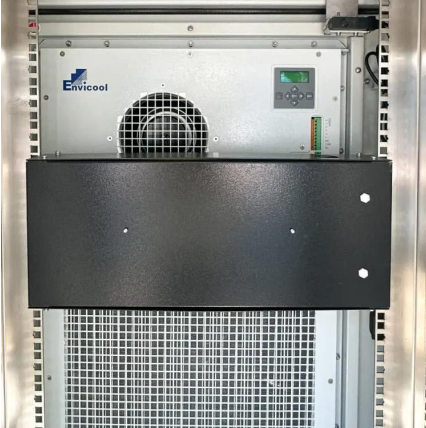
As noted by AFSIA Solar, one of the most notable solar-plus-storage developments in Africa is Norway-based independent power producer (IPP) Scatec's 225MW/1,140MWh Kenhardt project in South Africa. The site started operation in late 2023 (pictured above).

Where is the largest concentrated solar power plant in the world?

Situated in the Drâa-Tafilalet Region of the Kingdom of Morocco, approximately 10 km from the city of Ouarzazate, the 580MW Ouarzazate Solar Power Complex is the largest concentrated solar power (CSP) plant in the world.



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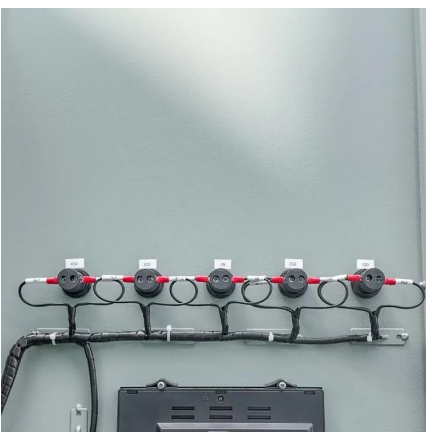
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