

A-Core Container

Morocco solar power generation large size



Overview

A recent, groundbreaking study has illuminated the sheer scale of this opportunity, revealing that Morocco could harness up to 28.6 gigawatts (GW) of electricity generation capacity through decentralized systems. Will Morocco's solar power capacity surge by 2028?

Morocco's solar power capacity could surge from 0.32 GW to 4.35 GW by 2028. Doha – A new report by SolarPower Europe, backed by the Global Solar Council and Morocco's Cluster EnR, lays out bold projections for Morocco's solar energy capacity.

Will Morocco become Africa's solar energy pioneer?

Morocco's exceptional solar resources, reaching 2,264 kWh/m²/year in southern regions, position the country to become Africa's solar energy pioneer, new SolarPower Europe report reveals. Morocco's solar power capacity could surge from 0.32 GW to 4.35 GW by 2028.

How much solar power does Morocco have?

The country currently has a total installed electricity capacity of 11,987 MW, with thermal sources accounting for 6,676 MW, while solar capacity stands at 831 MW. A prime example of Morocco's large-scale solar development is the Noor Ouarzazate complex, one of the world's largest concentrated solar power facilities.

How big is Morocco's photovoltaic capacity in 2023?

According to the latest data from ONEE cited in the report, Morocco's photovoltaic cumulative capacity reached 0.32 GW in 2023. Under SolarPower Europe's medium scenario projections, this capacity is expected to see "a steady increase, reaching 2.27 GW of cumulative installed capacity by 2027 and peaking at 2.97 GW in 2028."

What is Morocco's solar future?

The report's most likely 'medium' scenario forecasts that Morocco will reach 2.27 GW of total installed solar capacity by 2027, and 2.97 GW by 2028. Benjamin Clarke, Global Markets Manager at SolarPower Europe (he/him) highlighted; "Morocco's solar future is shining bright!.

Why should Morocco invest in solar energy?

With strategic investment in solar infrastructure, Morocco is poised to realise its full potential, accelerate its energy transition, and foster long-term sustainable growth." Morocco is committed to expanding its renewable energy capacity, aiming to reach at least a 52% share of its total electricity capacity by 2030.

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