

ContainerPower Energy Solutions

Morocco s solar power generation

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Overview

Morocco could generate up to 66.8 TWh of electricity per year from rooftop solar installations. This capacity could cover 98% of the charging needs for 2.5 million electric vehicles by 2035. 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.

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.

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.

Why is solar energy important in Morocco?

Solar energy in Morocco helps the nation be less reliant on energy imports and capable of exporting more energy, boosting the economy and relationships with other nations. As Morocco's economy strengthens with its excess of energy, it looks to make connections with European countries.

How will Morocco transform its energy sector by 2030?

It outlines that Morocco has developed a plan to transform its energy sector

by 2030, aiming to increase the renewable energy share to 52%, with specific targets of 20% for solar power, 20% for wind energy, and 12% for hydroelectric power. This approach seeks to enhance energy security and reduce dependence on imported fossil fuels.

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!"

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