

Morocco Concentrated Solar Power Plant

Will Morocco make history with a solar power plant?

Morocco is poised to make history soon-- when the first phase of one of the world's largest concentrated solar power plants starts generating electricity. When fully operational, it will produce enough energy for more than one million Moroccans, with possibly extra power to export to Europe.

What is Morocco's largest solar power plant?

Morocco also built the Noor-Ouarzazate complex, the world's largest concentrated solar power plant, an enormous array of curved mirrors spread over 3,000 hectares (11.6 sq miles) which concentrate the Sun's rays towards tubes of fluid, with the hot liquid then used to produce power.

What is Morocco's solar energy project?

It is Morocco's first utility-scale solar energy complex and a critical step in the Moroccan Solar Energy Program, which aims to install 2 GW of solar power by 2020. The project underlines the country's determination to reduce dependence on fossil fuels, turn to increased use of renewable energy, and move towards a low carbon development strategy.

Is Morocco a solar superpower?

Located on the edge of the Sahara desert, in an area famous for a picturesque landscape, the Noor-Ouarzazate power complex is putting Morocco on the map as a solar superpower. It is Morocco's first utility-scale solar energy complex and a critical step in the Moroccan Solar Energy Program, which aims to install 2 GW of solar power by 2020.

How much energy will a Moroccan solar plant produce?

When fully operational, the plant will produce enough energy for more than one million Moroccan households. Inaugurated officially today by His Majesty Mohammed VI of Morocco, the solar plant underlines the country's determination to reduce dependence on fossil fuels, use more renewable energy, and move towards low carbon development.

Will Morocco build a solar power station in Ouarzazate?

The Moroccan Agency for Solar Energy invited expressions of interest in the design, construction, operation, maintenance and financing of the first of the five planned solar power stations, the 500 MW complex in the southern town of Ouarzazate, that includes both PV and CSP. Construction officially began on 10 May 2013.

Aside from these curious facts, the city has now become the home of the largest concentrated solar power plant in the world. The total installed capacity of the Noor Ouarzazate solar complex reaches 580 MW. That's enough to supply a ...

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