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Title: Qatar high power outdoor solar power hub manufacturer

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Is Qatar a good place to develop solar energy?

Qatar boasts the ideal conditions for developing solar energy with its exceptional sunshine and vast unoccupied spaces. This is where the Al Kharsaah solar power plant, developed by TotalEnergies and its partners QatarEnergy and Marubeni, was inaugurated in October 2022.

Why is Qatar launching a solar power plant?

The start-up of the Al Kharsaah solar power plant represents a milestone in the country's energy history, since it is set to produce 10% of its peak electricity demand at full capacity. Over its lifespan, it will also enable Qatar to reduce its CO<sub>2</sub> emissions by 26 million metric tons.

Who owns Al Kharsaah solar power plant?

The Al Kharsaah solar power plant is owned and operated by SPV Siraj, a consortium comprised of international energy giants TotalEnergies and Marubeni, which hold a 40% stake, alongside Siraj Energy, a joint venture between QatarEnergy and Qatar Electricity & Water Company (QEWC), which holds the remaining 60%.

Will Al Kharsaah solar plant reduce Qatar's environmental footprint?

Al Kharsaah solar plant is not only expected to reduce Qatar's environmental footprint but also signals a significant step towards diversifying its energy mix. Qatar's first large-scale solar plant by TotalEnergies consortium signals a new energy era.

The new initiative also supports Qatar's National Vision 2030, which aims to install 4 gigawatts of large-scale renewable energy capacity, with solar energy playing a pivotal role.

**Vision:** Our vision is to become the local leader in manufacturing & providing high quality and cost effective complete solar system & solutions that will provide clean, reliable & grid-competitive ...

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