



# Namibia integrated solar pv

Can Namibia's solar PV capacity be expanded?

HopSol spoke with ECP about how Namibia's solar PV capacity can be expanded and further integrated with the national grid.

How will solar power benefit Namibia?

The generation of solar power will complement Namibia's available green energy portfolio, such as hydro-electricity, which already constitutes more than two-thirds of our installed power capacity. Electrifying key parts of our economy and of our neighbours will spur unprecedented economic activity and growth for Namibia and Southern Africa.

Why do we need a green hydrogen industry in Namibia?

When you look at the recent oil and gas discoveries in Namibia, as well as green hydrogen initiatives, you will see drive and growth in this economy. A lot of people will come to Namibia, and from an energy point of view, we will see growth in energy demand. Therefore, we need to have industry participants gearing up and preparing for this growth.

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InnoSun - one of the first movers in the market - is aiming to surpass the country's goal of achieving a 70% renewable energy mix by 2030 through the establishment of utility-scale solar PV and wind power plants.

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4 &#0183; These solar projects are part of a broader strategy outlined in Namibia's National Integrated Resource Plan (NIRP) 2022, which aims to enhance the country's renewable energy capacity. This comes as Namibia generates 40% of its electricity locally through the Ruacana Hydro Power Station (347MW) and renewable energy projects, supplemented by imports via ...

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NamPower will sign an engineering, procurement and construction contract for a planned 100 megawatt (MW) solar photovoltaic (PV) project today, the power utility announced in a statement. According to NamPower, the largest PV plant in Namibia will be developed 33 kilometres northwest of Rosh Pinah.

The addition of the largest PV plant in Namibia will be developed 33 km northwest of Rosh Pinah town which will aid in addressing and supporting the renewable energy commitments prescribed in the fifth National Development Plan (NDP5), Renewable Energy Policy, National Energy Policy, and National Integrated Resource Plan for the electricity ...

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