



# New solar power in Namibia

Will China build Namibia's largest solar power plant?

WINDHOEK, Sept 9 (Reuters) - Namibia's state-owned power utility NamPower on Monday said it had signed a contract with two Chinese firms to start building the country's largest solar power plant.

Will a solar power plant add 100 mw to Namibia's power supply?

The solar plant will add 100 MW to Namibia's power supply. (Bilanol/Getty Images). For climate change news and analysis, go to News24 Climate Future. Namibia's state-owned power utility NamPower on Monday said it had signed a contract with two Chinese firms to start building the country's largest solar power plant.

Is Namibia a good place to install solar power?

With these conditions, Namibia has a huge potential for installing solar water heaters, solar photovoltaic (PV) systems, and concentrated solar power (CSP) plants. Namibia's most common PV technology application is solar PV-based pumping, which is mainly used in cattle farms.

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.

Does Namibia have a nuclear power plant currently?

Namibia holds about 7% of the world's uranium reserves, which are mined to fuel nuclear power stations around the world. However, there is no nuclear power plant in Namibia currently. A natural gas-fired plant is planned for Walvis Bay.

What are the solar conditions in Namibia?

The solar conditions in the Namibian region are to be considered of the best worldwide for solar generation. The country's average high direct solar insolation is 2200 kWh/m<sup>2</sup>/year, with a cover of minimum clouds.

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State utility Namibia Power Corporation (NamPower) plans to build a solar PV plant to replace the Rosh Pinah wind project, which was shelved in late 2022 because the site's wind resource was lower than anticipated. ...

Readily committed to ramping up its renewable energy output, Namibia is on the brink of energy



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transformation. InnoSun - one of the first movers in the market - is aiming to surpass the country's goal of achieving a ...

Namibia is benefiting from the global expansion of the solar market, which is reducing costs and improving the efficiency of solar photovoltaic panels and related equipment. --Nampower General Manager Kahenge Haulofu was ...

Namibia, a country with high solar radiation levels, is set to enhance its energy grid with the construction of its largest solar power plant. NamPower, the state-owned utility, ...

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