

Why is Mali building a new solar power plant?

As Mali grapples with an ongoing electricity crisis that hampers economic growth, transitional President Assimi Goita laid the foundation stone for a new 200 MW photovoltaic solar power plant. The Russian company NovaWind, a subsidiary of Rosatom, is constructing the plant, marking a significant step in the country's energy sector.

Why is Mali launching a 200 MWp solar power plant?

Loading... Mali's President Assimi Goita has launched a 200 MWp solar power plant project with NovaWind, a Rosatom subsidiary, to address the nation's electricity crisis and promote sustainable energy. The EUR200 million investment aims to supply 10% of Mali's electricity within 12 months.

How much energy does Mali produce?

A May 2023 report by the United Nations Development Programme (UNDP) stated that in 2020, Mali had a production capacity of 1,024.92 MW, including 162 MW from self-producers - all thermal. Electricity production stood 2,577.44 GWh, comprising 69% thermal energy, 26.8% hydroelectricity, and 4.2% solar.

Will Mali develop nuclear power in 2023?

In October 2023, Mali and Russia agreed to develop civil nuclear power, according to Voice of America (VOA). The construction of two additional 200 MW solar power plants near Bamako is set to begin on May 28 and June 1. The electricity sector in Mali heavily relies on imported fossil fuels for thermal production.

Where does Mali get its electricity from?

The other source is the Manantali dam, in Mali, which stores about 11 billion cubic meters of water. The nearby Manantali 200 MW hydropower station is the main one in the region and, supplies 55 percent of its electricity to Mali, while the rest is equally shared between Mauritania and Senegal.

Which company is constructing a new energy plant in Mali?

The Russian company NovaWind, a subsidiary of Rosatom, is constructing the plant, marking a significant step in the country's energy sector. In recent weeks, Mali's transitional government has intensified efforts to implement this solution nationwide.

Located some 180 km west of Bamako, in Mali's Kayes Region, this 50 MWp solar plant injected its first kilowatt-hours into the Malian power grid in March 2020. The Kita solar plant is actively participating in the increase in the country's electrification rate, an essential parameter for economic and social development.

Sanankoroba Solar Power Station is a 200 MW (270,000 hp) solar power plant under construction in Mali. The power plant is in development under a public private partnership (PPP) arrangement between the government of Mali and NovaWind, a subsidiary of ...

Touna Solar Power Station, is a planned 93 MW (125,000 hp) solar power plant in Mali. The privately owned power plant is expected to sell the power produced to the national electric utility, Energie du Mali (EDM-SA), under a power purchase agreement, which has already been signed, as of December 2020.

Current Demand: As of 2023, Mali has an installed on-grid solar power capacity of approximately 97 megawatts (MW). 5 Projected Demand : Mali's on-grid solar PV market is expected to expand further, with a study by UEMOA identifying five sites, including Mali, for large-scale solar power plants totaling 574 MW, slated for completion by 2030. 12

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The Fana Solar Power Station is a planned 50 MW (67,000 hp) solar power plant in Mali. The power station is in the development stage, under concessional terms by the company Legendre Energy, a subsidiary of the Legendre Group, a French conglomerate, under a public private partnership arrangement.

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