

What is the 88 MW solar project in Guinea?

The project is likely the first phase of an 88 MW PV project announced by the French government in April 2017. The French authorities said at the time that the project was expected to be built in two 44 MW phases and to be developed by Solveo Energy. Guinea has had very limited development of solar energy to date.

Does Guinea have solar energy?

Guinea has had very limited development of solar energy to date. According to the latest figures from the International Renewable Energy Agency, the Sub-Saharan country had only 13 MW of installed solar power at the end of 2020.

How does solar power work in Guinea?

It combines photovoltaic solar energy with hydroelectricity produced in Guinea, reduces the need for thermal energy and reduces the cost of electricity," said Jean-Marc Mateos, President of the Solveo Group. Guinea's has a national electrification rate of 35.4%.

How Khoumagueli solar plant will benefit the National Grid?

The combination of hydro and solar energy will help in maximising delivery of renewable energy to the national grid. The Khoumagueli Solar plant is expected to mitigate against the impact of fluctuating rainfall on hydro power generation at the Garafiri plant.

What is the first grid-connected solar PV array in Guinea?

The solar energy facility will be the first grid-connected solar photovoltaic (PV) array in Guinea. The project is being developed by InfraCo Africa with the support of Aldwych Africa Developments Ltd, in partnership with experienced French solar PV developer, Solveo Energie S.A.S, a subsidiary of Solveo Developpement.

What is Khoumagueli solar project?

It comes after a concession agreement was signed in February 2019. The Khoumagueli solar project will complement the nearby 75-MW Garafiri hydroelectric plant to optimise renewable energy supply to the national grid. The solar facility is expected to reduce the impact of fluctuating rainfall on the Garafiri plant's generation.

"The Khoumagueli Solar project contributes to the energy transition on the African continent. It combines photovoltaic solar energy with hydroelectricity produced in Guinea, reduces the need for thermal energy and reduces the cost of electricity," said Jean-Marc Mateos, president of the Solveo Group.

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Khoumagueli will be Guinea's first grid-connected solar power plant, adding 40MW of much-needed, renewable energy to the country's 566 MW national grid. Located near the city of Linsan in the Province of Kindia, the plant will connect to existing grid infrastructure.

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SummaryLocationOverviewDevelopersSee alsoExternal linksThe Khoumagueli Solar Power Station is a 40 MW (54,000 hp) solar power plant under development in Guinea. When completed, it is expected to be the largest grid-connected, privately funded solar power plant in the country.

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German-based CleanPower Generation is developing an 82 MW solar project in Guinea, projected to be one of the region's largest independent solar power projects. The project will be split across two locations and will provide clean and cost-effective energy to the port city of Kamsar via a mini-grid with 12 km of grid extension, and to the ...

The government is specifically seeking to exploit Guinea's solar power potential in order to diversify the country's energy mix and increase the availability and reliability of power.

Guinea, rich in natural resources, enthusiastically explores the considerable potential of solar energy to meet its growing energy demands. With abundant sunlight throughout the year, the country stands as an ideal candidate to harness this renewable energy source.

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