



How many people in Senegal will get solar power?

Nearly 540,000 people in Senegal will get access to clean and affordable power following the launch of two solar photovoltaic (PV) plants, financed by IFC, the European Investment Bank and Proparco, under the World Bank Group's Scaling Solar program.

How many jobs will the new solar power plants create in Senegal?

The addition of the solar power plants form part of the World Bank Group's Scaling Solar program and are funded by the International Finance Corporation (IFC), European Investment Bank and Proparco. The project estimates that more than 400 jobs in the towns benefit from the existence of the new solar power plants in Senegal.

Does Senegal need a solar power plant?

Senegal's power sector has been historically reliant on costly fuel imports, with about 80 percent of its energy mix being oil-based. "The Kael and Kahone solar power plants exemplify our commitment to supporting Senegal's transition to cleaner, more affordable energy, while creating business opportunities for local communities.

Who sponsors Senegal's solar power plants?

The PV plants, located in Western Senegal, are sponsored by Engie, Meridiam, and the Senegalese Sovereign Wealth Fund for Strategic Investments ( FONSIS ). The competitive tendering process was led by Senegal's Energy Regulatory Commission ( CRSE ). For more information, please read the press release here.

How much does a kWh of electricity cost in Senegalese?

The kWh of electricity will be sold at 25 CFA francs (4-euro cents). According to the project developers, the Kahone and Ka&#233;l solar power plants are capable of supplying 580,000 Senegalese households. The clean energy installations also avoid the emission of 89,000 tonnes of CO<sub>2</sub> per year.

Who financed the Kahone and ka&#233;l solar power plants in Senegal?

In Senegal, the Kahone and Ka&#233;l solar power plants were built thanks to loans from the IFC, the European Investment Bank (EIB) and Proparco, the private sector financing arm of the French Development

# 100KW SOLAR POWER PLANT SENEGAL



Agency (AFD). 38 million for the new solar parks.



The 72 MWh battery storage will help to safeguard the supply of power for up to three hours during evening peak times and increase the stability of the power grid. In this way, renewable energies will be integrated into the power supply, helping Senegal to produce at least 40% of its electricity from renewable energy sources by 2030.



The Kahone and Ka?l solar power plants are now injecting 60 MWp into Senegal's national electricity grid. The new facilities are owned by a consortium of Engie, Meridiam and Senegal's Fonds souverain d'investissements strat?giques (Fonsis).



Two solar photovoltaic power plants with a combined capacity of 20 MWp is set to be built in Senegal. This follows a partnership deal inked between Sen'Eau and TotalEnergies with an aim to enhance the sustainability and efficiency of drinking water production in Senegal through the integration of solar energy into the infrastructure.

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The solar power plant covers an area of around 30 hectares and is equipped with 102,960 modules, each with 340 WDC. The 43.88 MWDC grid-connected PV project in Kahone is part of Senegal's Scaling Solar initiative and was built on a 36-hectare site near the village of Kahone, a few kilometers east of the regional capital Kaolack.



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In May 2021, two new photovoltaic solar plants opened in Kael and Kahone, two towns located in Western Senegal. The plants will provide electricity for 540,000 citizens at a low cost. The addition of the solar power plants form part of the World Bank Group's Scaling Solar program and are funded by the International Finance Corporation (IFC)



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