

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.

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 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 have access to electricity?

The competitive tendering was led by Senegal's Energy Regulatory Commission (CRSE). Although the proportion of Senegalese people with access to electricity has increased sharply over the past 30 years, nearly a quarter of the population still lacks access.

How to reduce electricity generation costs in Senegalese?

1 The large decreases in the cost of solar and wind power due to technology improvements and economies of scale and location in manufacturing can help reduce electricity generation costs. Only 67 percent of Senegalese households had access to electricity in 2018.



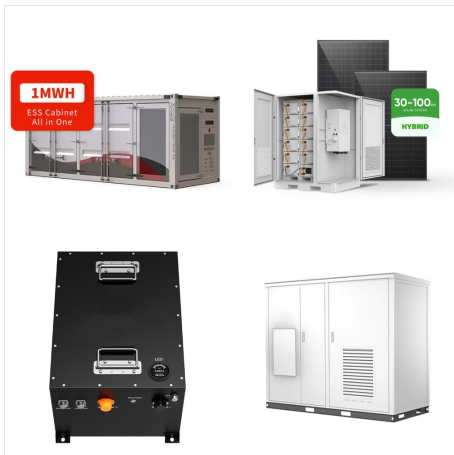
The town of Kahone, located in the Kaolack region, hosts the largest photovoltaic plant in Senegal, a project that can generate electricity for around 300,000 people at a low price and reduces CO₂ emissions, as part of the authorities' efforts to diversify the energy mix and reduce dependence on fossil fuels.



Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity (kWh/kWp/yr). The bar chart shows the proportion of a country's land area in each of these classes and the global distribution of land area across the classes (for comparison).



In 2018, 83 percent (1,031 MW) of Senegal's installed capacity was thermal power. Solar power provided 11 percent (143 MW) and hydropower 6 percent (75 MW) of the total electricity capacity (SENELEC 2020). Senegal has substantial additional ???



notable local and international solar PV companies like Oolu Solar and Baobab+ operate in Senegal, using cash sales, pay-as-you-go (PAYGo), and partnerships with micro-finance institutions (MFIs). In the 2019 PAYGo Market Attractiveness Index, Senegal was the highest ranking West African country, ranking 9th out of 24 countries.¹⁰



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)



The energy landscape of Senegal, a nation in West Africa, is undergoing a spectacular transition as solar energy gains prominence. Senegal has achieved great advancements in utilising the year-round abundance of sunlight it receives during the past ten years, and a number of noteworthy trends and breakthroughs are propelling this solar revolution.



The Engie-Meridiam consortium secured Kahone and Kael in Senegal's first Scaling Solar tender after placing bids of below EUR 0.04 (USD 0.049) per kilowatt-hour. The two plants will operate under a 25-year power purchase agreement (PPA) with local electricity company Senelec.



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Axian Energy has closed a ???84 million (\$89.1 million) financing deal for a 60MW solar project in Senegal with a battery energy storage component. According to the organisation, the project will provide clean, reliable energy for ???



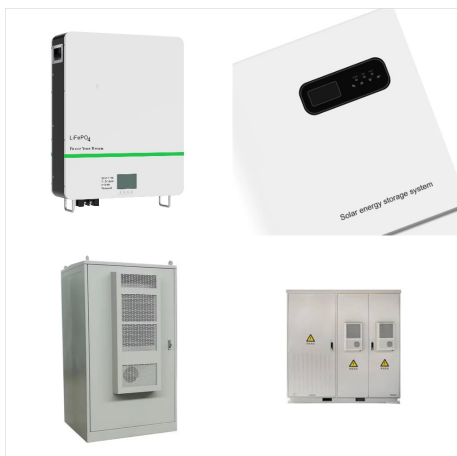
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Profil Soci?t? de l'installateur de syst?mes photovolta?ques 4E Solar IG Technology - indiquant les coordonn?es et les produits fabriqu?s de l'entreprise. FIMER S.p.A., Schneider Electric ???



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