

SolarInnovate Energy Solutions

Senegal Solar Power Inverter



Overview

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 much does a solar power plant cost in Senegal?

The paired solar power plants cost \$40.77 million, providing electricity to 540,000 people at under four cents per kWh – not only the cheapest energy in Senegal but among the most cost-effective across sub-Saharan Africa.

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.

How much electricity does Senegal have?

As it stands, 70.4% of the Senegalese population has access to electricity, of which less than a third is generated from domestic sources – total installed capacity currently sits at 1,555 MW. However, under the government-backed World Bank Scaling Solar program, 60 MW was added to Senegal's domestic power generation last year alone through solar.

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.

Who sponsors Senegal's energy plants?

The two plants are sponsored by Engie, Meridiam, and the Senegalese Sovereign Wealth Fund for Strategic Investments (FONSIS). The competitive tendering was led by Senegal's Energy Regulatory Commission (CRSE).

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