

## SolarInnovate Energy Solutions

# Are there any power station generators in Dakar



## Overview

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The Senegalese energy sector is relatively small. Total fossil fuel provision stands at 27 TWh/year, thereby making up nearly 40% of Senegal's primary energy provision of which the remainder is nearl.

When will West African energy open a gas power station in Senegal?

West African Energy, a Senegalese energy company, plans to open Senegal's first and largest 300 MW combined cycle gas power station in January 2024.

Will Senegal's first gas-to-power plant have a dual fuel operating capacity?

In conclusion, the Cap des Biches Gas-to-power plant will be Senegal's first to have a dual fuel operating capacity. By mid-2023, as a result of the planned rise in domestic gas supplies from Greater Tortue Ahmeyim (GTA) and other developments, the power plant will progressively switch from heavy fuel oil to natural gas.

Where will GE supply power generation equipment?

General Electric (GE) will supply power generation equipment to the 300MW West African Energy combined-cycle plant in Cap des Biches, Dakar, the company announced on 28 January. GE will supply two 9E.03 gas turbines, one STF-A200 steam turbine, three A39 generators, and two heat recovery steam generators.

Who owns Senegal's power?

Senelec owns 15%, while West African Energy controls the remaining 85%. The project, located near Dakar, will use indigenous gas, potentially reducing Senegal's power rates. Turbines are supplied by General Electric, while engineering and construction are handled by Calik Enerji. Sendou – 125 MW.

What is Senegal's 125 MW coal-fired power station?

Senegal's Sendou coal-fired power station, with a capacity of 125 MW, has surpassed heavy fuel oil generators as the country's most cost-effective source of baseload power. The project, which has been ongoing since 2007, is

a regional success. It intends to enhance Senegal's power dependability and cost through a "Build, Own, and Operate" model.

How much power does Senegal have?

Go to Top Senegal's total installed capacity is 638 MW (2010 est) of which 80% is connected to the national grid. SENELEC owns power stations with nearly 60 % of the total production capacity while the remainder is private, either GTI-Dakar or ESKOM-Manantali.

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### **Senegal facing "unprecedented" power cuts**

May 17, 2007 · A wave of power cuts in Senegal could reach "unprecedented" levels as the West African state has a maximum of eight days of fuel left to run its power plants, energy sector ...

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