

A-Core Container

Côte d'Ivoire base station power management



Overview

Does Cote d'Ivoire have a power grid?

The grid is expected to cover 99% of the population by 2035, and 42% of the energy produced will come from renewable sources. That is reassuring news for Cote d'Ivoire. In the wake of the post-electoral crisis of 2011, only 34% of the population had access to electricity. Today, close to 94% of Ivorians are connected to the power grid.

Why did Cote d'Ivoire become a leading electricity exporter in West Africa?

Those tough years nevertheless provided Cote d'Ivoire with an opportunity to find a unique, innovative energy solution, paving the way for the country to develop the third largest electricity generation system on the continent and become one of the leading electricity exporters in West Africa.

How much solar energy is produced in Cote d'Ivoire?

Most recently, under the World Bank Group's Scaling Solar Initiative, IFC is supporting the development of two public-private partnerships to generate 60 MW of solar energy. Today, private operators in Cote d'Ivoire are currently responsible for 70% of energy production and 100% of its distribution.

What's new at Azito power plant in Cote d'Ivoire?

A 253MW combined-cycle unit is being added to the existing Azito power plant site near Abidjan, Cote d'Ivoire, as part of the plant's fourth phase expansion. Launched in March 2020, the \$370m expansion project will increase the plant's capacity to 706MW, accounting for 30% of the West African country's installed capacity.

How much power does Cote d'Ivoire have?

With an installed power capacity of almost 2,230 megawatts (MW), Cote d'Ivoire fully meets its domestic demand and exports the roughly 10% generation surplus to the subregion.

Why did Côte d'Ivoire privatize its electricity sector?

Côte d'Ivoire's decision to privatize a portion of its electricity sector paved the way for one of the continent's most robust energy systems that continues to expand and innovate with clean energy solutions. This feat would not have been possible without private sector involvement and complex financial packages.

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