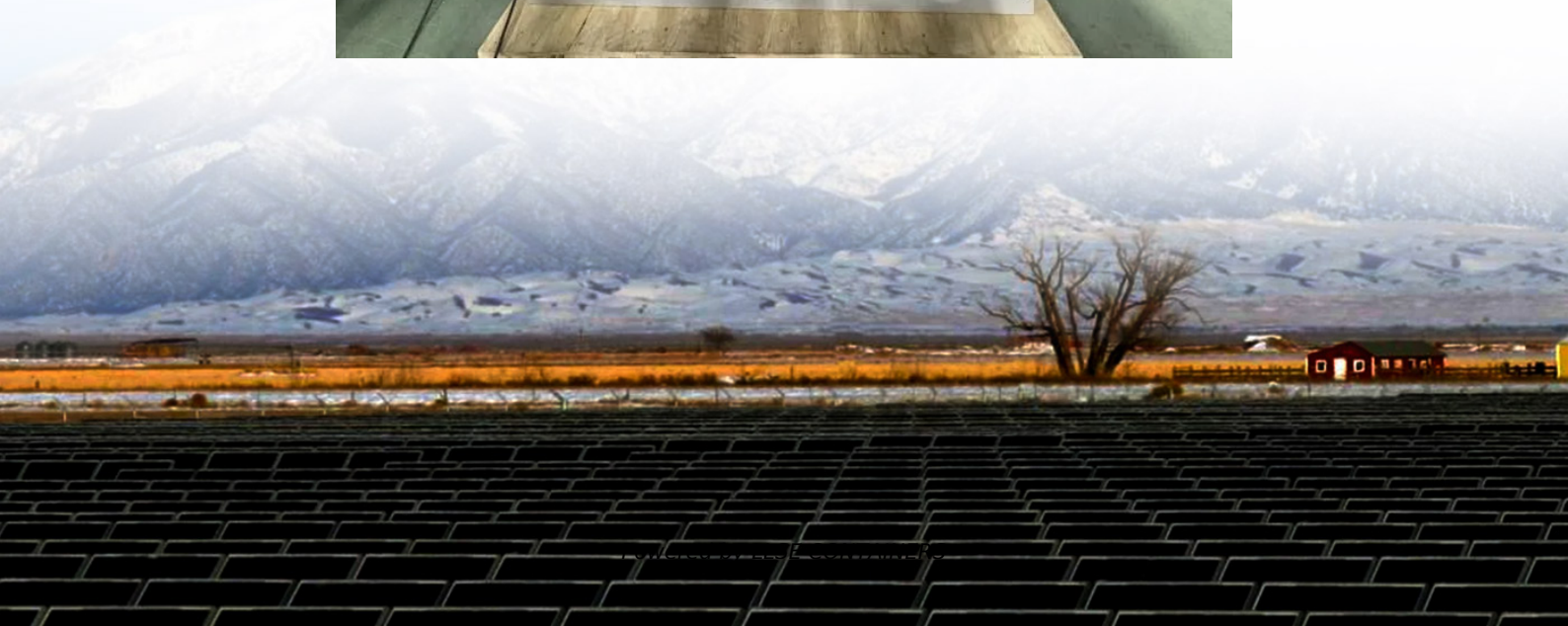


Ivory Coast power generation project with energy storage





Overview

Why did Ivory Coast build its first solar power plant?

As part of its drive to diversify electricity generation sources and increase the share of renewable energies in its energy mix (45% by 2030), Ivory Coast commissioned RMT to build the country's very first photovoltaic solar power plant, with a capacity of 37.5 MWp, spread over 69,440 550 Wp solar panels and 168 inverter-strings of 250 kVA.

Who builds a solar power plant in Ivory Coast?

RMT builds a 37.5 MWp solar power plant and installs . Boundiali photovoltaic solar power plant in northern Ivory Coast was built in partnership with the country's government, in particular CI-ENERGIES, and with financial support from Germany. It has been in operation since July 2023.

Will IPPs build solar power plants in Ivory Coast?

The selected IPPs will build solar power plants capable of delivering 60 MWp to the national grid in Ivory Coast. The solar plants are being built under the "Scaling Solar" program, an IFC initiative to leverage public-private partnerships (PPPs) for the rapid construction of solar power plants in developing countries, particularly in Africa.

Will a lithium-ion battery energy storage system be installed in Côte d'Ivoire?

A lithium-ion battery energy storage system (BESS) made by Saft will be installed at a 37.5MWp solar PV power plant in Côte d'Ivoire (Ivory Coast). It is the African country's first-ever large-scale solar project and the batteries will be used to smooth and integrate the variable output of the PV modules for export to the local electricity grid.



Ivory Coast power generation project with energy storage



[Ivory Coast launches tenders for 200 MW/66 MWh of solar-plus-storage](#)

Jun 5, 2025 · Share Ivory Coast's state-run utility Ci-Energies has launched two tenders for the construction of 100 MW solar power plants, each connected to 33 MWh of storage capacity.

[Saft supplying BESS for first solar PV plant in Côte d'Ivoire](#)

May 11, 2022 · The city of Boundiali. Image: Saft. A lithium-ion battery energy storage system (BESS) made by Saft will be installed at a 37.5MWp solar PV power plant in Côte d'Ivoire ...



[IVORY COAST HAS DEVELOPED ENERGY STORAGE](#)

Will Ivory Coast achieve 45% of its energy mix by 2030? It is part of the National Action Plan for Renewable Energies 2014-2030 of Ivory Coast which aims to achieve 45% of its energy mix ...

AMEA Power Launches Construction of a 50MW Solar PV Project in Ivory Coast

Feb 28, 2025 · The Bondoukou Solar PV power plant will generate 85 GWh of clean energy, powering approximately 358,000 households,



and will offset more than 52,000 tons of CO2 ...



[Ivory Coast Goes For Big Solar Battery Storage](#)

Jun 6, 2025 · Solar Battery Storage Ivory Coast's state-run utility Ci-Energies has launched two battery energy storage system (BESS) tenders for the construction of 100 MW solar power ...



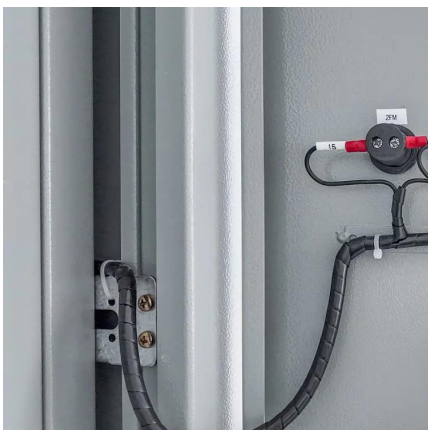
[Ivory Coast Launches Tenders for 200 MW/66 MWh of Solar-Plus-Storage](#)

Jun 8, 2025 · Ci-Energies, Ivory Coast's state-run utility, has launched two tenders for the construction of 100 MW solar power plants, each integrated with 33 MWh of energy storage, to ...



[Ivory Coast battery energy storage system container](#)

Will a lithium-ion battery energy storage system be installed in Côte d'Ivoire? A lithium-ion battery energy storage system (BESS) made by Saft will be installed at a 37.5MWp solar PV ...





RMT builds a 37.5 MWp solar power plant and installs an energy storage

Oct 30, 2023 · As part of its drive to diversify electricity generation sources and increase the share of renewable energies in its energy mix (45% by 2030), Ivory Coast commissioned RMT to ...

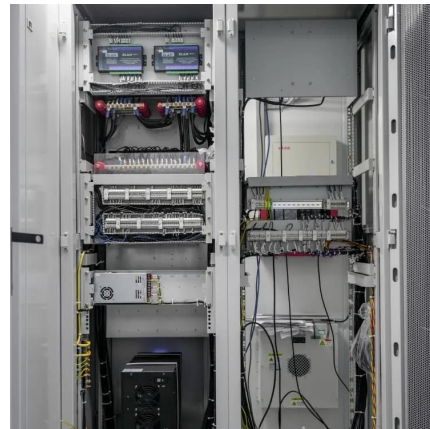


[Ivory Coast energy production and storage](#)

Energy in Ivory Coast concerns the production and export of energy and electricity in the Ivory Coast. The country has a capacity of 2,200 megawatts (MW) energy production. Unlike other ...

[Top 5 Renewable Energy Projects in Ivory Coast](#)

Aug 27, 2024 · The solar plant is being developed by renewable energy company AMEA Power, with power generated from the project set to be sold to Ivory Coast's parastatal Compagnie ...



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