



# New solar power generation system in Nouakchott





## Overview

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In a significant step towards energy transition, Mauritania signed a public-private partnership agreement worth \$300 million on Friday, September 12, in Nouakchott to construct a hybrid power plant that combines solar and wind energy—the first of its kind in the country.

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Mauritania will soon begin construction of a 220-megawatt hybrid power plant in Nouakchott under a public-private partnership, the Ministry of Energy announced on Wednesday. The project, the first of its scale and design in the country, combines solar and wind energy with advanced battery storage.

Mauritania will soon launch construction of its first large-scale hybrid renewable energy project under a public-private partnership model. The 220-megawatt plant in Nouakchott will integrate 160 megawatts of solar photovoltaic capacity, a 60-megawatt wind farm, and a substantial 370-mWh battery.

Global Solar Power Tracker, a Global Energy Monitor project. Sheikh Zayed Solar Power Plant (الكهروضوئية الشمسية للطاقة زايد الشيخ محطة) is an operating solar photovoltaic (PV) farm in Nouakchott, Mauritania. Read more about Solar capacity ratings. The map below shows the exact location of the.

As the photovoltaic (PV) industry continues to evolve, advancements in New energy storage project in nouakchott have become critical to optimizing the utilization of renewable energy . TrinaBEST to design and construct one of the largest Microgrid energy storage systems in Nouakchott.

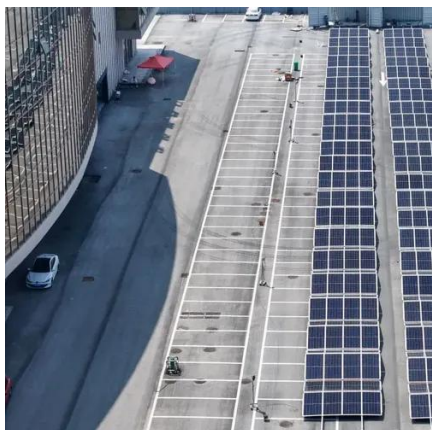
Agreement for the Construction and Operation of a New Solar and Wind Power Plant



with an Investment of Nearly 300 Millions USD September 12, 2025 - Nouakchott-  
The Minister of Economy and Finance, Mr. Sid'Ahmed Ould Abah, and the Minister of  
Energy and Petroleum, Mr. Mohamed Ould Khaled, presided.



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### Mauritania Launches First Hybrid Solar and Wind Power Station ...

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### Mauritania to Launch 220MW Hybrid Renewable Power Plant in Nouakchott

The project, the first of its scale and design in the country, combines solar and wind energy with advanced battery storage to enhance grid stability and service quality.



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### [Sheikh Zayed Solar Power Plant 15 MW](#)

Sheikh Zayed Solar Power Plant, a 15 MW facility in Nouakchott, is the first utility-scale one in Mauritania. It provides 10% of the country's grid capacity, producing 25,409 MWh of clean ...



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## [NEW ENERGY STORAGE PROJECT IN NOUAKCHOTT](#)

Dutch developer Gutami Holding has signed a 25-year power purchase agreement with Burkina Faso's national utility to supply electricity from a planned 150 MW solar project paired with 50 ...



## [Nouakchott Solar Photovoltaic Panel Factory: Powering ...](#)

Summary: Discover how Nouakchott's solar photovoltaic panel factories are transforming Mauritania's energy landscape. This article explores industry trends, local advantages, and ...





## eastcoastpower

TrinaBEST announced that it has been awarded the opportunity to design and construct a hybrid energy storage system in Nouakchott, Mauritania. This project, which is comprised of a 40kW ...



## Mauritania to Launch 220MW Hybrid Renewable Power Plant in ...

The project, the first of its scale and design in the country, combines solar and wind energy with advanced battery storage to enhance grid stability and service quality.

## Agreement for the Construction and Operation of a New Solar ...

Construction of the solar plant is expected to take 12 months, meaning actual electricity production is set to begin by September 2026. The plant's total installed capacity will be 160 ...



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## Sheikh Zayed Solar Power Plant

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## Harnessing Solar Power in Nouakchott: The Rise of Photovoltaic ...

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Welcome to Nouakchott, Mauritania, where photovoltaic (PV) systems aren't just eco-friendly accessories but survival tools. With frequent power outages affecting 40% of urban areas [6], ...





## Contact Us

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