

# Mauritania s first grid-side energy storage project



## Overview

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On September 12, the government signed a \$300 million public-private partnership (PPP) with IWA Green Energy (a Mauritania-based company) to build its first hybrid solar-wind plant, a 160 MW solar/60 MW wind project with 370 MWh storage set to begin operations in September 2026 . On September 12, the government signed a \$300 million public-private partnership (PPP) with IWA Green Energy (a Mauritania-based company) to build its first hybrid solar-wind plant, a 160 MW solar/60 MW wind project with 370 MWh storage set to begin operations in September 2026 . Featuring an impressive 160 megawatts (MW) of solar power, 60 MW of wind energy, and a robust 370 megawatt-hours (MWh) battery storage, this project is not just a power plant; it's a beacon of sustainable development and energy independence for Mauritania. Under the Build-Operate-Transfer (BOT) . NOUAKCHOTT, March 27, 2025 - The World Bank Group today approved the Mauritania Development of Energy Resources and Mineral Sector Support Project -known as the DREAM Project -to boost green hydrogen development, expand energy storage, and support critical reforms in the mining sector. "The . Mauritania has taken a major step in its clean energy transition by signing a \$300 million agreement with Ewa Green Energy to build a 220 MW hybrid power facility, anchored by a 160 MW solar PV plant combined with a 370 MWh battery energy storage system (BESS). The facility will combine 160 MW of solar and 60 MW of wind capacity, supported by a 370-megawatt-hour (MWh) energy .

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### Mauritania Advances Energy Security with World Bank Support

The project will finance Mauritania's first large-scale battery energy storage facility, enabling the country to harness its abundant solar and wind resources for more reliable electricity.

### Mauritania Unveils Ambitious Solar, Wind, and Energy Storage

Featuring an impressive 160 megawatts (MW) of solar power, 60 MW of wind energy, and a robust 370 megawatt-hours (MWh) battery storage, this project is not just a power plant; it's a



### Mauritania

International partners, particularly the World Bank, are backing investments in grid stability, including the first large-scale BESS in the capital, Nouakchott. This project will help smooth

### [Mauritania signs PPA for large solar, wind, BESS hybrid project](#)

Mauritania has signed a a \$300 million PPA agreement with Ewa Green Energy to build a hybrid power plant consisting of 160MW solar, 60MW wind and 370MWh battery storage.



### News:ALSF Supports Mauritania's First Renewable Energy Public

It will pioneer the integration of solar, wind, and



[Mauritania: First solar-wind PPP plant to improve energy access](#)

It will finance Mauritania's first large-scale battery energy storage facility, support solar and wind development and help institutional reforms. The World Bank project aligns with the Mission

large-scale battery storage to deliver dependable renewable power to the national grid under a long-term Power Purchase Agreement (PPA) with the



[\\$300 Million Deal to Develop Green Energy Production, Storage Site](#)

The facility will combine 160 MW of solar and 60 MW of wind capacity, supported by a 370-megawatt-hour (MWh) energy storage system. Under the 15-year agreement, Ewa Green

[In a First, Mauritania Turns to Public-Private Deal for Major](#)

The plant, to be developed by Ewa Green Energy at a cost of \$300 million, will have a total installed capacity of 220 MW and a 370 MWh storage system. It is slated to begin operations in September



[Mauritania Signs \\$300M Agreement for 160 MW Solar Plant with Storage](#)

Mauritania has taken a major step in its clean energy transition by signing a \$300 million agreement with Ewa Green Energy to build a 220 MW hybrid power facility, anchored by a 160 MW

## **Mauritania secures \$300 million deal for hybrid power plant**

The facility will comprise 160 MW of solar power and 60 MW of wind power, supported by a 370-megawatt-hour (MWh) energy storage system designed to stabilize supply. The project is



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