

Morocco Casablanca-scale energy storage project





Overview

What is Morocco's energy storage testbed project?

The projects are spearheaded by the Moroccan Agency for Sustainable Energy (MASEN) and Morocco's national electricity company ONEE. On May 20, 2025, MASEN received financing approval from the World Bank for its "Morocco Energy Storage Testbed Project", aiming to enhance grid stability.

What is the first large-scale electricity storage project in Morocco?

The first large-scale electricity storage project in Morocco is the 460 MW Afourer Pumped Storage Power Station (PETS), commissioned in 2004. It consists of a hydraulic system composed of two 1.3 million-m³ water reservoirs connected by a pipeline with two hydroelectric production units between the basins.

How is Morocco accelerating its energy transition?

Morocco is accelerating its energy transition by issuing a global call for expressions of interest to build two large-scale battery storage facilities. The projects are spearheaded by the Moroccan Agency for Sustainable Energy (MASEN) and Morocco's national electricity company ONEE.

How does electricity storage work in Morocco?

It ensures the storage of electricity produced by renewable energies in order to adapt fluctuating supply to shifting demand. The first large-scale electricity storage project in Morocco is the 460 MW Afourer Pumped Storage Power Station (PETS), commissioned in 2004.



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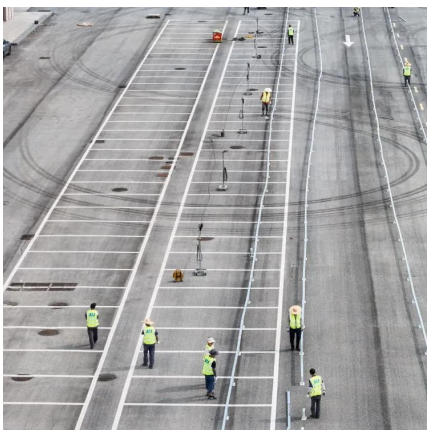
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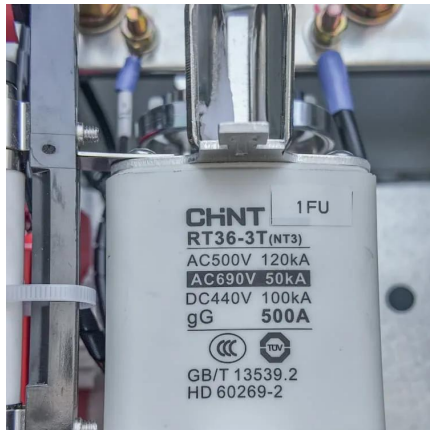
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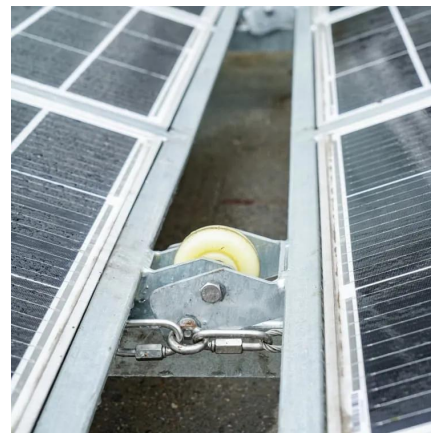


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