

# Mauritania solar towers





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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 energy and reducing 21,225 tonnes of CO2 emissions annually. Its 30,000 solar panels, manufactured by Masdar PV, supply power to over 10,000 homes in the capital.

### Solar Energy in Mauritania

By harnessing solar power instead of non-renewable energy sources, Mauritania can potentially experience improved air and water quality, leading to longer life expectancies and enhanced overall health. Ongoing success is evident, as a 2022 research paper validates the plant's performance across various weather conditions. Looking to the Future



### Mauritania: 50MW solar project

The Toujounine photovoltaic power plant is helping Mauritania achieve its 20% renewable energy target by producing 10% of the country's total electricity production in 2019. With 156,000 solar panels and an installed capacity of 50 MW, it is the largest photovoltaic plant in Mauritania, generating around 87 GWh annually.

### Mauritania: Fertile Ground for Solar Energy Projects



The Mauritanian government and CWP Global signed a pact in May this year to build the 30GW wind and solar power-to-x hub in the northern part of Mauritania, which is expected to be the world's biggest renewable energy project.



### Large scale grid connected solar PV Project in Toujounine

Built in only 13 months, Toujounine is the largest solar PV plant in the country. Mauritania wanted to achieve 20% of renewable energy in their energy mix by 2020, the Toujounine plant helped the country to reach this goal. The project features 156,000 solar panels installed on a previously unoccupied land.

### Mauritania's Solar Revolution: How a \$289 Million Project Will ...

Mauritania is set to become a regional leader in renewable energy, thanks to a \$289.5 million financing package from the African Development Bank (AfDB) and the Green ...



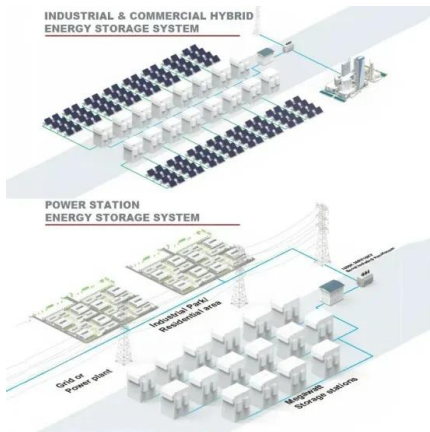
### A Mauritanian Energy Company

Welcome to Azzur Energy, your dedicated partner in driving sustainable solar solutions across West Africa. As a frontrunner in the renewable energy sector, we specialize in providing cutting-edge solar solutions tailored to the unique needs of Engineering, Procurement, and Construction (EPC) companies.



## Mauritania Secures \$289 Million for Solar Power and

The initiative aims to construct solar power plants and install a 1,373-kilometer high-voltage transmission line with a capacity of 600 MW, enhancing solar energy output and ensuring electricity access for all in both nations.

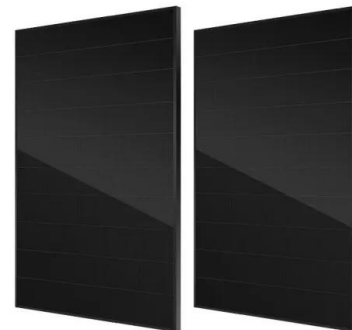


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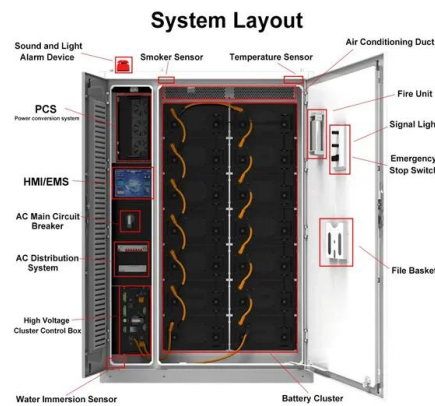


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### Solar Energy

Mauritania produces over 5% of its electricity through solar energy, generating more than 75 megawatts of electricity annually. This is a testament to the government's commitment to utilizing renewable energy sources and reducing its carbon footprint.



## Mauritania: AfDB Invests \$289.5M in Solar Power Projects

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### ESS



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