

# Jordan wind and solar energy storage project





## Overview

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What percentage of Jordan's electricity is solar?

More than 20 percent of the electricity grid in Jordan is powered by solar or wind energy, with a target of 31% by 2030. Exceeding this percentage will be challenging for Jordan unless storage solutions are implemented.

Is battery energy storage possible in Jordan?

In response to this, Fichtner in collaboration with the Jordanian Ministry of Energy and the transmission system operator, NEPCO, has analyzed the potential for battery energy storage and, in the role of Transaction Advisor, is providing support for implementing a pilot project.

Will Jordan be able to generate more electricity by 2030?

It envisions that by the end of 2030, 48.5 percent of the country's electricity generation would come from local energy sources. Jordan has long-term potential for additional RE, enjoying an average of 316 sunny days per year, having wind speeds ranging between 7 and 8.5 m/s, and having large desert areas with a low population.

What opportunities are there in the energy sector in Jordan?

Energy Technologies: Jordan is exploring energy storage solutions, which may also present opportunities for the U.S. energy sector. Technologies and services related to efficiency gains, including smart metering and grid management, may also find opportunities.



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### [The Value Of Energy Storage In Jordan Opportunities](#)

Sep 16, 2024 · Wind Energy and Concentrated solar power project WESCP (2010) 2nd twining for the energy sector with NEPCO for RE integration into the grid (2013) Technical study for the ...

### Jordan

Jan 17, 2024 · Solar or wind energy powers approximately 29 percent of the electricity grid and Jordan aims to reach 50 percent of electricity from renewables by 2030 through a focus on ...



### [Powering up Jordan's Renewable Energy Market](#)

Dec 3, 2025 · Powering up Jordan's Renewable Energy Market Energy from wind and solar covers nearly one-third of Jordan's electricity needs -- a significant jump from 10 years ago, ...

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Dec 3, 2025 · Powering up Jordan's Renewable Energy Market Energy from wind and solar covers nearly one-third of Jordan's electricity needs -- a ...



### [EBRD to support solar, storage, wind tenders in Jordan](#)

Sep 22, 2025 · The European Bank for Reconstruction and Development (EBRD) is working with Jordanian authorities to support three renewable energy tenders in the country, including a ...



### [Unlocking Jordan's Renewable Energy Storage Potential](#)

Aug 25, 2025 · As the global push for sustainable energy intensifies, Jordan emerges as a frontrunner in the Middle East, leveraging its abundant solar and wind resources to transition ...



### **Wind, solar PV and BESS Project in Jordan , Energy Finance ...**

The project involves the development of three renewable energy tenders in Jordan, including a 200 MW solar, a 100 MW wind and a 100 MWh storage project. These projects will be ...





### Renewable energy curtailment practices in Jordan and ...

Nov 1, 2022 · Several datasets are needed for the project to design a suitable battery energy storage system, mainly presented in Jordan's wind energy capacity and speed. Table 1 shows ...

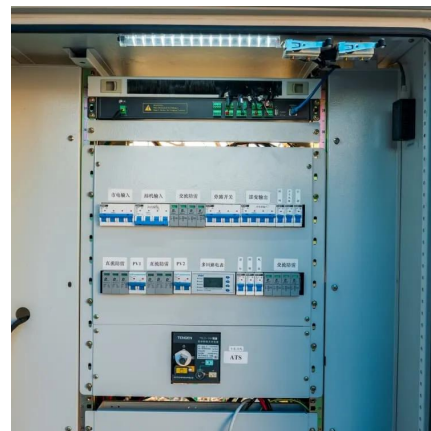


### **Pilot project for a 30/60 MWh battery storage facility, Jordan**

Thanks to the country's rapid expansion of solar photovoltaics (PV) and wind energy, Jordan has established itself as a trailblazer for the transition to renewable energies in the Middle East.

### **Support for the implementation of wind, solar PV and battery energy**

Sep 18, 2025 · Jordan's energy landscape has evolved significantly over the past decade. Historically, the Kingdom's electricity production depended heavily on imported fuels ...



### Renewable Energy Projects in Jordan 2025 Project size ...

Mar 25, 2025 · Renewable Energy Projects in Jordan 20251. Tafileh



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