



# Jordan renewable energy storage





## Overview

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Energy Storage Technologies: Jordan is exploring energy storage solutions, particularly pumped-storage hydropower (PSH), with intention to establish a storage project at Al-Mujib dam before 2030. This may also present opportunities for the U. Amman, April 22 (Petra) -- Energy experts have lauded the Cabinet's recent approval of a grid-scale battery energy storage system (BESS) for the National Electric Power Company's transmission network, calling it a critical step toward enhancing Jordan's energy security and grid stability. 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 smart grid. Jordan's renewable energy sector underwent significant transformation in 2024. The Ministry of Energy and Mineral Resources (MEMR) introduced the updated Renewable Energy and Energy Efficiency Law (12) of 2024, followed by Bylaw (58) of 2024. Effective September 2024, prosumers in Jordan can now. Work has continued to strengthen and develop the Jordanian electrical system, enabling it to handle increased electrical loads and integrate new conventional and renewable electric power generation plants. With over 316 sunny days annually and strong government support, the country's renewable energy. Over the past years, the Jordanian renewable energy (RE) sector has experienced remarkable growth, increasing the RE installed capacity from about 20 MW to over 1,000 MW (with an estimated 800 MW under construction). This growth however comes with significant challenges, as Jordan needs to take.



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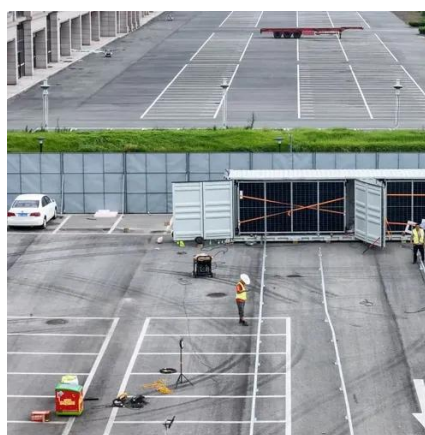


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Jordan's renewable energy sector underwent significant transformation in 2024. The Ministry of Energy and Mineral Resources (MEMR) introduced the updated Renewable Energy and ...

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### [Jordan's new electricity law encourages investment in energy storage](#)

Jordan has adopted a new electricity law that replaces the temporary legislation enacted in 2002 and encourages investment in electricity storage and green hydrogen projects under the



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

In this analysis, I delve into the current status of Jordan's renewable energy storage sector, highlight more than five notable projects, and explore the opportunities ahead.



## Jordan - Grid Enhancement



This project will focus on technical, operational and financial barriers related to the integration of further renewable energy generation into the central power grid.



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