



IMK CONTAINERS

# Energy storage projects in Jordan





## Overview

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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.

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 Jordan a potential energy producer?

Jordan has medium- and long-term potential as an energy producer of non-conventional and RE. The following are potential opportunities that are either in process or in the pipeline over the medium term: The \$2.9 billion project will provide 300 million cubic meters of desalinated water from the Gulf of Aqaba to Amman per year.

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.



## Energy storage projects in Jordan



[Jordan is preparing to implement a 450-megawatt pumped ...](#)

The electricity sector in Jordan is preparing to implement an electrical energy storage project using water pumping and storage technology in the Mujib Dam with a capacity of up to 450 ...

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[Jordan's new electricity law encourages ...](#)

Jordan has adopted a new electricity law which replaces the temporary legislation enacted in 2002 and encourages investment in electricity storage and green hydrogen projects under the public-private ...

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**Jordan Advances Grid-Scale Battery Storage to Bolster Renewable Energy**

The storage initiative complements other strategic projects, including the 450 MW pumped-hydro storage facility at Al-Mujib Dam, and enhances opportunities for electricity ...

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**Jordan's new electricity law encourages investment in energy storage**

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



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[Jordan announces gas, renewables, and hydrogen projects](#)

·Energy storage initiatives, using both battery energy storage systems (BESS) and pumped-water storage. ·Development of the green hydrogen sector, with around 14 projects in ...

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**Jordan**



[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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Overview Jordan is one of the leading countries in the region in renewable energy (RE) adoption and clean energy growth. Solar or wind energy powers approximately 29 ...

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#### **Green hydrogen progress and future potential in Jordan for ...**

Green hydrogen has become more prevalent as a fundamental element for decarbonizing energy sectors, particularly in countries with abundant renewable resources. ...

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

[Jordan is preparing to implement a 450 ...](#)

The electricity sector in Jordan is preparing to implement an electrical energy storage project using water pumping and storage technology in the Mujib Dam with a capacity of up to 450 megawatts, in cooperation with the ...

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[Role of Energy Storage in Energy Transition in Jordan](#)

Developing the electrical grid to increase the contribution of renewable energy and improve the stability of the Grid. Developing a road map for the introduction of electrical energy ...

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

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