

## SolarTech Power Solutions

# Jordan Energy Storage 2025



## Overview

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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, Petra reports. What is going on with electricity in Jordan?

Electrical energy exchange with Egypt has been ongoing, contributing to the stabilization of the Jordanian electrical network. Agreements have been reached to increase the export capacity of the Jericho area, and negotiations for electricity supply contracts to Iraq are in progress.

What challenges has the energy sector faced in Jordan?

The energy sector in Jordan has encountered two significant challenges in its energy supplies. The first involved the suspension of oil supply to Jordan at preferential prices from Iraq after 2003. The second challenge was the fluctuation and interruption of the supply of natural gas from Egypt during the period from 2011 to 2018.

Why is the energy sector important in the Hashemite Kingdom of Jordan?

The energy sector is one of the most vital sectors in the Hashemite Kingdom of Jordan due to its significant impact on sustainable development. Despite facing considerable challenges, including the lack of local energy sources and heavy reliance on imports, the sector has achieved remarkable accomplishments in recent years.

Can Jordan produce electricity from oil shale?

Work is also underway on a project to produce electricity from direct combustion of oil shale with a capacity of (470) megawatts, to be operational in 2020. The energy sector in Jordan has made significant achievements in recent years, but it faces various challenges.

Does Jordan need natural gas?

The port has effectively secured the electrical system's natural gas requirements, leading to approximately 88% of electricity generation from natural gas by the end of 2018. This initiative has significantly bolstered Jordan's energy security and diversified its energy sources.

What is the Jordan petroleum refinery expansion?

The primary objective of this expansion is to increase the refining capacity of the Jordan Petroleum Refinery to approximately 120 thousand barrels per day. A key focus of the project is the conversion of heavy products, particularly fuel oil, into more economically viable light products such as gasoline and diesel.

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