

**SolarInnovate Energy Solutions**

# **Jordanian Government Energy Storage System**



## Overview

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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. 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.

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.

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 has been done to stabilize Jordan's electrical network?

Work has also persisted in completing Jordan's electrical connections with neighboring countries and reinforcing existing interconnection lines. Electrical energy exchange with Egypt has been ongoing, contributing to the stabilization of the Jordanian electrical network.

Does Jordan have a good electricity system?

As a result, the volume of electricity coverage has reached 99% in all regions of the Kingdom, with the Rural Electrification Program playing a crucial role in this accomplishment. Work has also persisted in completing Jordan's electrical connections with neighboring countries and reinforcing existing interconnection lines.

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.

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## Jordan advances grid-scale battery storage to bolster renewable energy

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