

**SolarInnovate Energy Solutions**

# **Jordan Solar Energy Storage Base**



## Overview

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Jordan BC Solar Project Limited Partnership, a subsidiary of Recurrent Energy, is developing the Jordan Solar and Energy Storage Project (Project), an approximately 100 MW solar and up to 400 MWh energy storage facility on Vancouver Island in British Columbia. 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.

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.

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 is the Jordan national energy strategy 2020-2030?

The Jordan National Energy Strategy 2020-2030 focuses on advancing energy security through improving energy efficiency, energy mix diversification, increasing RE's share of the entire energy mix, reducing carbon emissions, and bringing down energy costs.

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.

How much water will the Gulf of Aqaba Project produce?

The \$2.9 billion project will provide 300 million cubic meters of desalinated water from the Gulf of Aqaba to Amman per year. The NCP will be implemented by early 2024 and expected to produce desalinated water by 2028. The project will include alternative energy sources to reduce carbon emissions in the project.

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