

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.

How many solar PV projects are there in Jordan?

Jordan Electric Power Company (JEPCO): 591.44 MW (32,257 projects). Irbid Distribution Company (IDECO): 309.32 MW (28,588 projects). Electricity Distribution Company (EDCO): 181.10 MW (13,300 projects). The global decline in solar PV system prices fueled strong demand for installations during the first half of 2024.

Why does Jordan need a solar PV installation & maintenance service?

Since Jordan started the solar PV installation in 2012, the demand for solar PV operation and maintenance (O&M) services increased, driven by aging systems requiring inverter replacements (every 8-10 years) and system optimization.

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.

How much does solar cost in Jordan?

The commercial sector faces higher grid fees of 13 JD (\$18.3 USD) per kWac/month, reducing the economic viability of installations. In September 2024, Jordan's Council of Ministers lifted the cap on solar PV project sizes, enabling large-scale installations.

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.

May 28, 2024 · Jordan launches tenders for solar energy systems in 40 municipalities, a key step toward renewable energy, lower costs, and ...

Jan 22, 2025 · Minister of Energy and Mineral Resources Saleh Al-Kharabsheh said Wednesday that solar energy projects are a top priority for the ministry and will play a central role in its ...

Jan 21, 2025 · In 2024, Jordan made significant advancements in its solar photovoltaic (PV) sector, reflecting its commitment to expanding renewable energy and achieving greater energy ...

Jan 17, 2024 · 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 ...

Jan 2, 2025 · The new government of Jordan has been described by analysts as progressive on clean energy. Public support for solar has already been widespread, with tariffs for home ...

Feb 25, 2023 · A look at the outlook for solar energy in Jordan in 2023, including the current state of the solar energy sector, government policies, ...

Sep 1, 2023 · The author found that Jordan has significant potential for renewable energy, particularly solar energy, and suggested that the country invest more in renewable energy to ...

May 14, 2025 · Jordan's solar PV advancements offer a compelling model for Middle Eastern nations facing energy and climate challenges. By embracing progressive policies like dynamic ...

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Jun 19, 2025 · Jordan is pushing ahead with plans to expand its reliance on solar power and other renewable energy sources to 50 percent in 2033, an official has said.

Jan 7, 2025 · Jordan opens tender for solar at water facilities Jordan's Water Authority has kicked off a tender for solar plants at water facilities to improve energy efficiency in the sector.

4 days ago · We developed Jordan's first most price-competitive small solar utility along with keeping market needed requirements . Since then, we ...

Jun 7, 2024 · Dust and aerosol loadings, however, were found to greatly reduce solar irradiance over the GCC area, especially during large dust ...

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