

Uzbekistan solar Power and Energy Storage Power Company





Overview

Will Uzbekistan fund a 250-megawatt solar photovoltaic plant?

Tashkent, Uzbekistan, May 21, 2024 — The World Bank Group, Abu Dhabi Future Energy Company PJSC (Masdar), and the Government of Uzbekistan have signed a financial package to fund a 250-megawatt (MW) solar photovoltaic plant with a 63-MW battery energy storage system (BESS).

Who will sell electricity to in Uzbekistan?

The project company is committed to selling electricity to the state-owned National Electric Grid of Uzbekistan JSC under a 25-year Power Purchase Agreement for the project, including a 10-year operating term for the BESS component, signed by these two entities.

What is the energy sector like in Uzbekistan?

In Uzbekistan, the energy sector is concentrated in the hands of two monopolies, Uzbekenergo and Uzbekneftegaz, with mineral resources and rare-earth minerals concentrated at metallurgy plants, which the government intends to upgrade through a number of sponsored programmes, and with the active assistance of foreign contractors and suppliers.

What is the solar furnace of Uzbekistan?

The Solar Furnace of Uzbekistan was built in Uzbekistan and opened in 1981 as a part of a Soviet Union "Sun" Complex Research Facility, being the world largest concentrator. The rays are focused onto an area the size of a cooking pot and can reach 4,000 °C (7,230 °F), depending on the process installed; for example:



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Uzbekistan Unveils First Utility-Scale Solar and Battery Storage

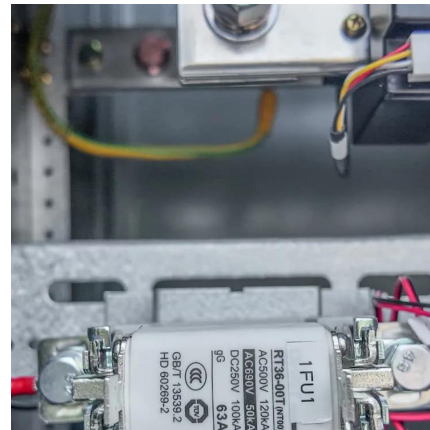
The project was developed by Abu Dhabi-based Masdar. It pairs a 250 MW solar PV array with a 63 MW/126 MWh battery energy storage system (BESS). The Nur Bukhara ...

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[Uzbekistan to Build New Solar Plant and First ...](#)

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[Uzbekistan advances solar, wind and storage projects](#)

The government has inaugurated the country's first utility-scale integrated solar and battery project and advanced plans for its largest standalone energy storage facility

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President of Uzbekistan Inaugurates Nation's First Utility-Scale Solar

The President of the Republic of Uzbekistan, His Excellency Shavkat Mirziyoyev, inaugurated the Nur Bukhara project, the country's first utility-scale integrated solar and ...



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Uzbekistan to Build New Solar Plant and First Battery Energy Storage

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Uzbekistan Launches First Utility Scale Solar ...

Uzbekistan's Minister of Energy, Jurabek Mirzamahmudov He added that collaboration has already delivered a diversified portfolio of operational assets. " In cooperation with Masdar, five solar power plants ...

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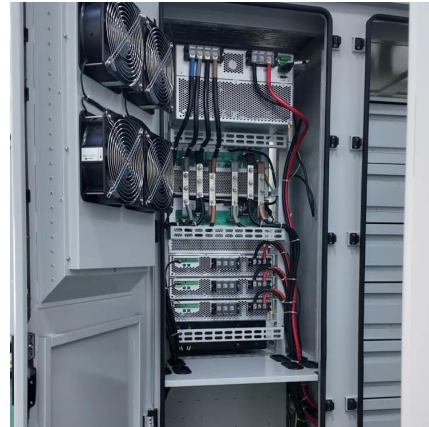
Major Energy Storage Project in Central Asia



Connected to Grid

Uzbekistan's Tashkent Solar Energy Storage Project, the largest electrochemical energy storage facility in Central Asia, was successfully connected to the grid on December 5. ...

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EBRD provides \$142mn to develop Uzbekistan's largest solar ...

The EBRD is providing \$142mn to develop Uzbekistan's largest combined solar photovoltaic and battery energy storage project, totaling 1 GW capacity and boosting ...

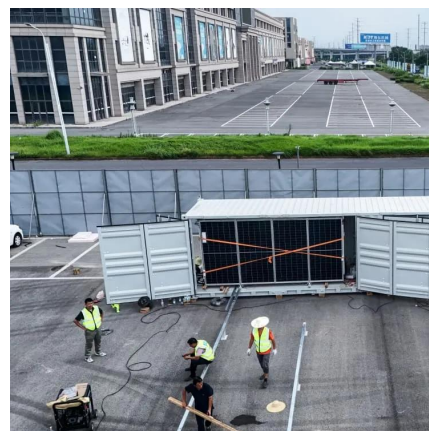
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Major Energy Storage Project in Central Asia...

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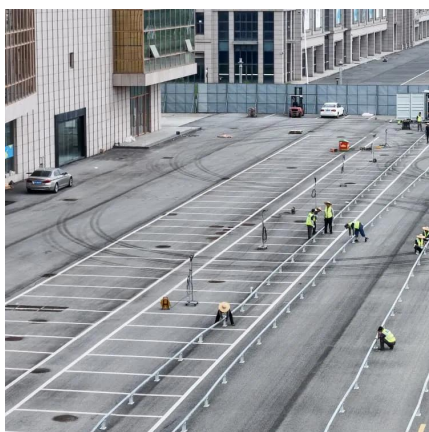
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Uzbekistan Launches First Utility-Scale Solar and Battery ...

Uzbekistan's Energy Minister Jurabek Mirzamahmudov noted that cooperation with Masdar has already delivered five solar plants totalling 1,247MW, a 500MW wind power ...

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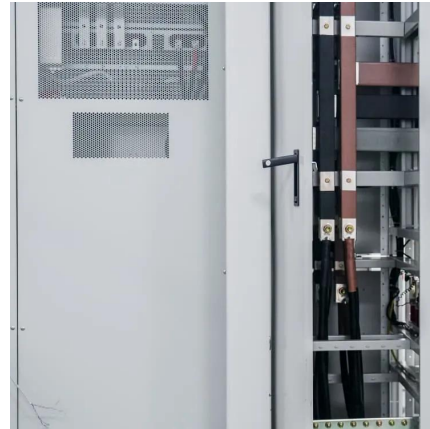


EBRD supports solar, energy storage portfolio in Uzbekistan



The portfolio consists of two solar and storage projects through a special-purpose vehicle (SPV) that will be majority owned by Saudi developer ACWA Power and co-owned by ...

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[Top 10 Solar Companies in Uzbekistan \[Updated 2025\]](#)

Complete guide to Uzbekistan's top solar companies in 2025. Features Masdar, ACWA Power, Grace Solar mounting systems, and leading renewable energy providers. Updated market ...

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