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Uzbekistan energy storage integrated battery company



Overview

UAE-based Masdar and AMEA Power have signed agreements to build large-scale energy storage systems in Uzbekistan, strengthening their role in the country's renewable energy transition and advancing sustainable power infrastructure. Will Uzbekistan fund a 250-megawatt solar photovoltaic plant?

TASHKENT, 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.

How will Uzbekistan improve its energy security?

"This project will enhance Uzbekistan's energy security through the use of innovative solutions and technologies," noted Marco Mantovanelli, World Bank Country Manager for Uzbekistan.

How does the World Bank help Uzbekistan?

These efforts support the country's clean energy transition and decarbonization, as well as its economic growth. In this context, the World Bank Group is helping Uzbekistan develop 2,000 MW of solar and 500 MW of wind energy by attracting private sector investments.

Who owns Samarkand & Kungrad?

The projects in Samarkand and Kungrad have a combined investment value of USD 4.2 billion and are among the largest clean energy and storage projects in Uzbekistan. The joint development agreement will see ACWA Power divest

49% of its stake in the Samarkand and Kungrad projects to Sumitomo Corporation.

What does the Uzbekistan agreement entail?

The agreement also aligns with our growing Uzbekistan portfolio, which includes wind power plants in multiple regions and the country's first green hydrogen plant that will produce 3,000 metric tons of green hydrogen per year.

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