

Uzbekistan energy storage equipment





Overview

Construction began in the summer of 2024, featuring a storage system with a distribution unit and 90 battery modules. Local suppliers provided part of the equipment, while manufacturers in China and Russia supplied the rest. 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.

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 are the main activities of Uzbekistan Electric Company?

The main activities of the company are the operation and development of the main electric networks of the Republic of Uzbekistan, the supply of electricity



through the main electric networks and the implementation of interstate transit, cooperation with electric power systems of neighboring states. Map diagram of the main electrical networks



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"The new solar plant with a battery energy storage system will not just boost the uptake of renewable energy in the country, but also help stabilize and strengthen existing ...

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The project adopts a dual-use land approach, integrating agriculture beneath solar panels and aquaculture with floating solar installations. Trina Storage Elementa system, with ...



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