

# **Uzbekistan containerized energy storage**





## Overview

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Uzbekistan's first energy storage facility, with a 150 MW capacity, will launch in the Fergana region in January 2025, according to the National News Agency (UzA). Construction began in the summer of 2024, featuring a storage system with a distribution unit and 90 battery modules. 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).

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.

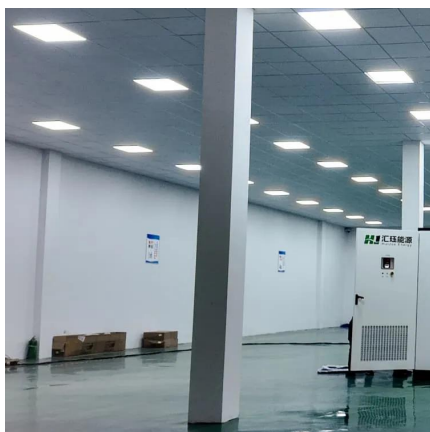
Who will sell electricity to in Uzbekistan?

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.



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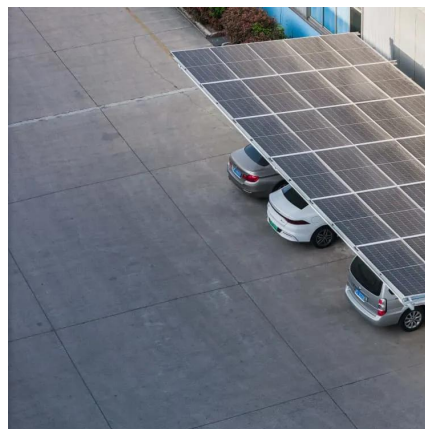


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What is containerized ESS? ABB's containerized energy storage system is a complete, self-contained battery solution for large-scale marine energy storage. The batteries and all control, ...

### [Development of Containerized Energy Storage System with...](#)

Some energy storage systems such as pumped hydro storage have existed, but, their large size of such facilities limited potential installation sites, and the energy/utilization efficiency has ...



### [Energy storage as an important part of Uzbekistan's renewable energy](#)

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

### [Uzbekistan's Largest Energy Storage Project: Sungrow & CEEC ...](#)

Equipped with Sungrow's advanced liquid-cooled ESS PowerTitan 2.0, this facility is Uzbekistan's first energy storage project and the largest of its



kind in Central Asia. The ...



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