

# Uzbekistan Civilian solar System





## Overview

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Uzbekistan has taken a major step in its renewable energy ambitions with the inauguration of the Nur Bukhara project, the country's first utility-scale integrated solar and battery system, developed by Abu Dhabi Future Energy Company PJSC - Masdar. 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.

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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World Bank Document

Nov 27, 2023 · The Bukhara Solar IPP Project Company namely Nur Bukhara Foreign Enterprise (FE) LLC is an SPV (Project Company or USRES IPP) incorporated and registered in ...

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President of Uzbekistan inaugurates nation's first utility-scale solar

2 days ago · Tashkent, Uzbekistan - The President of the Republic of Uzbekistan, His Excellency Shavkat Mirziyoyev, inaugurated the Nur Bukhara project, the country's first utility-scale ...

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Uzbekistan set for large solar-plus-battery ...

Aug 26, 2024 · ACWA Power plans to build a 500 MW solar plant and a 500 MWh battery energy storage system in Uzbekistan under a project ...

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Uzbekistan Launches First Utility Scale Solar And Battery ...

2 days ago · o Uzbekistan activates its first utility scale integrated solar and battery facility, advancing its 2030 goal of 54 percent renewable power. o Masdar's expanding Central Asia ...

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ADB, Partners Sign Deal to Build Landmark Solar with Battery ...

Oct 29, 2025 · ADB, together with ACWA Power Company, Sumitomo Corporation, Chubu Electric Power Co. Inc., and Shikoku Electric Power Co. Inc., has signed a landmark financing ...

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Uzbekistan expands solar home subsidy uptake to over ...

Nov 5, 2025 · More than 35,000 households in Uzbekistan received state subsidies for exporting surplus electricity from rooftop solar systems between January and September, says the State ...

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Solar Energy Policy in Uzbekistan: A Roadmap

Mar 30, 2022 · Solar Energy Policy in Uzbekistan: A Roadmap Explore Uzbekistan's opportunity to take advantage of its solar energy potential and integrate it into the larger Uzbek energy ...

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Uzbekistan Inaugurates First Utility-Scale ...

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Tashkent Solar PV and BESS Project Republic of Uzbekistan

Apr 3, 2024 · On 19 March 2023, the Joint-Stock Company (JSC) National Electric Grid of



Uzbekistan (NEGU) entered into a Power Purchase Agreement (PPA) with ACWA Power ...

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Uzbekistan

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Uzbekistan: Voltalia signs PPA for solar-wind ...

Mar 12, 2025 · A state-owned power company in Uzbekistan has signed a PPA with Voltalia for a project combining solar PV, wind and battery storage.

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Uzbekistan Certifies First Solar Plant Under I ...

Aug 5, 2025 · Uzbekistan marked a significant step in its renewable energy journey by registering its first solar power facility under the International ...

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

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Uzbekistan Opens First Utility-Scale Solar & Battery Project

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Uzbekistan to Build New Solar Plant and First Battery Energy ...

May 21, 2024 · The World Bank Group, Abu Dhabi Future Energy Company PJSC, and the



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