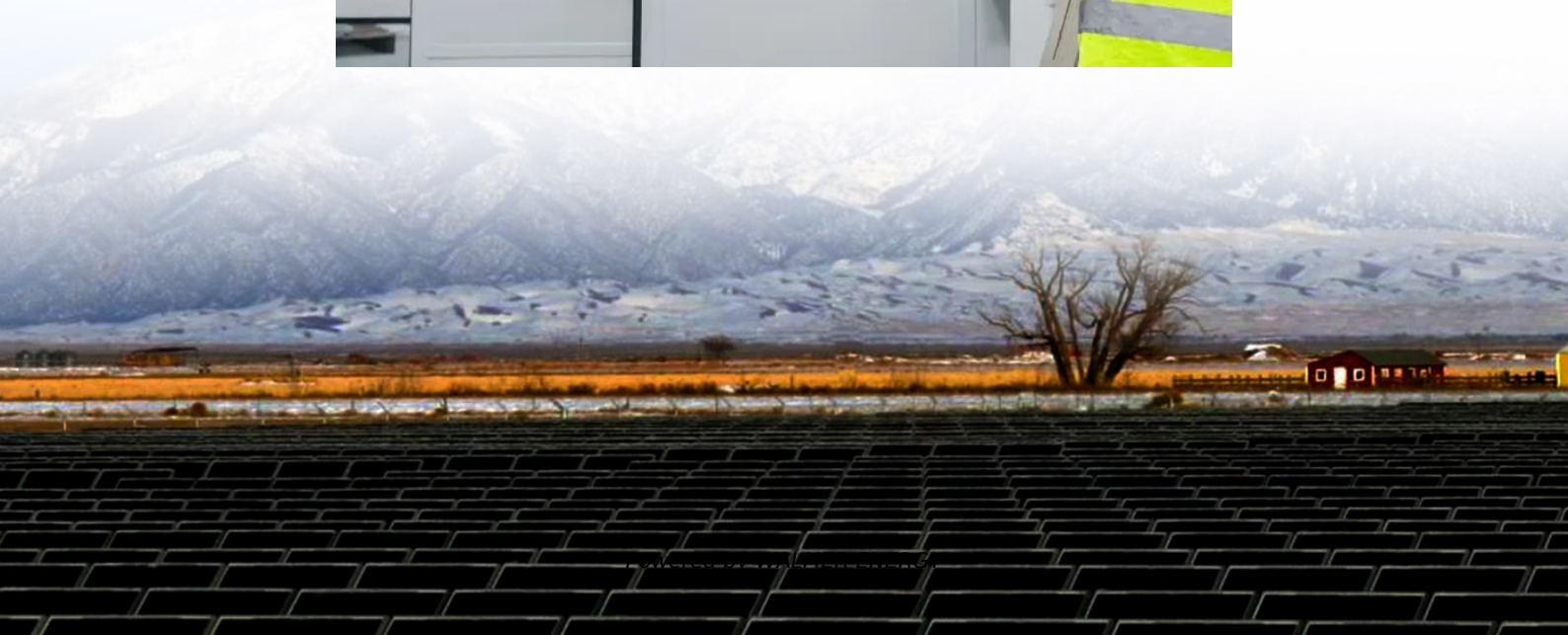


# **Astana Peak Valley Energy Storage Project**





## Overview

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What is Uzbekistan's First Energy Storage Project?

Installed with Sungrow's cutting-edge liquid-cooled ESS PowerTitan 2.0, this facility marks Uzbekistan's first energy storage project and stands as the largest of its kind in Central Asia. The project will play a pivotal role in driving the region's energy transition forward and setting a sustainable precedent.

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.

Why is energy storage important?

The introduction of energy storage projects provides greater supply security and helps mitigate the intermittency of renewable generation. As a vital part of the national plan, the Lochin 300MWh BESS project will provide 2,190GWh of firm capacity and flexible power annually to support a more resilient local electricity grid.



## Astana Peak Valley Energy Storage Project

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Sungrow and CEEC Finish Central Asia's Largest Energy Storage Project

Feb 11, 2025 · Sungrow, a global leader in PV inverters and energy storage systems (ESS), in collaboration with China Energy Engineering Corporation (CEEC), proudly announced the ...

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Uzbekistan Opens First Utility-Scale Solar & Battery Project

2 days ago · 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 battery ...

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Sungrow and CEEC Complete Central Asia's Largest Energy Storage Project

Jan 24, 2025 · Sungrow, the global leading PV inverter and energy storage system (ESS) provider, in partnership with China Energy Engineering Corporation (CEEC), are proud to ...

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Uzbekistan Inaugurates First Utility-Scale Solar and Battery Project

3 days ago · ASTANA -- Uzbek President Shavkat Mirziyoyev inaugurated the Nur Bukhara project, the country's first utility-scale integrated solar and battery project, developed by Abu ...

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Uzbekistan's Largest Energy Storage Project: Sungrow

Jan 24, 2025 · Sungrow and CEEC launch Uzbekistan's first 300MWh energy storage project, enhancing grid stability and supporting the country's renewable energy goals.

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Sungrow and CEEC Complete Central Asia's ...

Jan 24, 2025 · Sungrow, the global leading PV inverter and energy storage system (ESS) provider, in partnership with China Energy Engineering ...

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Uzbekistan Inaugurates First Utility-Scale ...

3 days ago · ASTANA -- Uzbek President Shavkat Mirziyoyev inaugurated the Nur Bukhara project, the country's first utility-scale integrated solar ...

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Masdar , President of Uzbekistan Inaugurates Nation's First ...

4 days ago · 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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Where Is the Astana Energy Storage Project Located Key ...

Meta description: Discover the strategic location of the Astana energy storage project, its role in Kazakhstan's renewable energy transition, and how it aligns with global sustainability trends. ...

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World Bank funds Masdar Uzbekistan solar-plus-storage project

May 23, 2024 · The World Bank and other financial institutions will provide a US\$159 million package for Masdar's solar and storage project in Uzbekistan.

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### Uzbekistan Unveils First Utility-Scale Solar and Battery Storage

3 days ago · Uzbekistan's first utility-scale solar and battery storage facility, the Nur Bukhara PV and BESS project has been officially inaugurated by President Shavkat Mirziyoyev. The ...

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### Uzbekistan to Build New Solar Plant and First Battery Energy Storage

May 21, 2024 · The World Bank Group, Abu Dhabi Future Energy Company PJSC, and the Government of Uzbekistan have signed a financial package to fund a 250-megawatt solar ...

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