



Uzbekistan Sunshine Energy Storage Power Production





Overview

In July 2025, Uzbekistan's solar and wind power stations produced a record-breaking 1.246 bn kilowatt-hours (kWh) of electricity, according to new official data.

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French renewable energy company Voltalia has signed a 526MW hybrid renewables power purchase agreement (PPA) with the Uzbek state energy purchasing company, JSC Uzenergosotish. The Artemisya solar, wind and energy storage hybrid project is located in the Bukhara region of Uzbekistan. The offtake.

Published on 25/11/2025 - 15:00 GMT+1 • Updated 16:12 From powerful rivers to rising winds, Uzbekistan is reshaping its energy future. Rapid growth in hydropower, wind, and solar — supported by home-grown technology — is driving the nation towards energy independence and a more sustainable economy.

Trina Storage, a dedicated business unit of Trina Solar, offers state-of-the-art solutions designed to address the complexities of renewable energy integration, ensuring stability, efficiency, and reliability in energy supply. Trina Storage Elementa systems, featuring LFP battery cells, combine.

Voltalia (Euronext Paris, ISIN code: FR0011995588), an international renewable energy player, announces the start of construction of a strategic cluster in Uzbekistan: Artemisya Storage (100 megawatts / 200 megawatt-hours) and Wind (100 megawatts). This milestone marks a major turning point in the.

Uzbekistan will commission 12 solar and 4 wind power plants, along with 12 energy storage systems, by the end of 2025. With a combined investment of over \$5bn, these facilities are expected to generate nearly 9bn kilowatt-hours of electricity annually, supporting the country's growing demand for.

On December 13, Uzbekistan's President Shavkat Mirziyoyev inaugurated operations for 18 new energy facilities and launched the construction of six additional projects. Together, the 24 initiatives represent an investment of over \$7



billion. The ceremony marked a significant milestone for.



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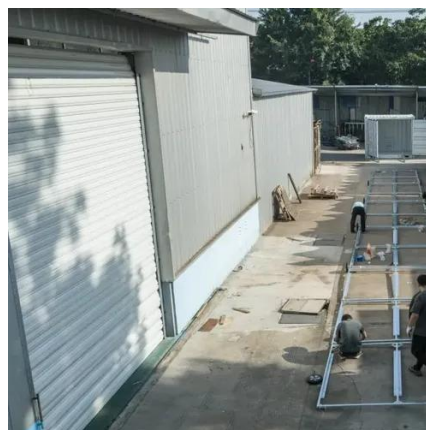


Energy storage as an important part of Uzbekistan's renewable energy

By storing surplus energy generated during peak production and deploying it during high demand, such as using solar energy produced during the day to meet peak ...

Uzbekistan to Build New Solar Plant and First Battery Energy Storage

"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 ...



Uzbekistan to commission 12 solar, 4 wind power plants and 12 storage

President Shavkat Mirziyoyev reviewed a presentation on measures to supply large industrial enterprises with renewable energy, as part of Uzbekistan's broader strategy to ...

[Start of construction for the Artemisya hybrid cluster in](#)

In March 2025 1, Voltalia signed a Power Purchase Agreement (PPA) with the Uzbek government during a ceremony at the Élysée Palace. This



agreement was decisive for ...



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

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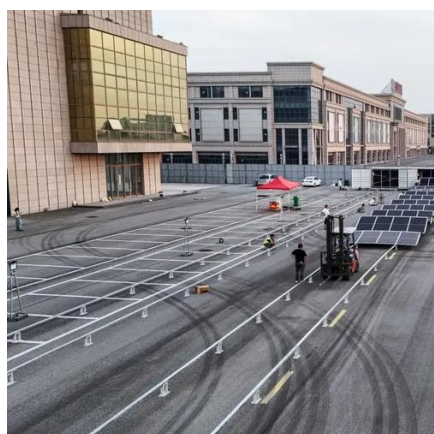
Uzbekistan Energizes Growth with \$7 Billion in ...

In 2025, the country will commission 18 solar and wind power plants with a combined capacity of 3,400 megawatts, along with energy ...



From Sunlight to Storage: Uzbekistan Harnesses ...

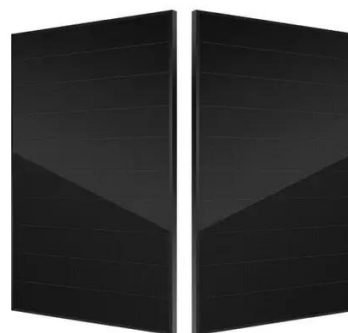
With its favorable climate and vast deserts, Uzbekistan's potential for solar energy production is significant. Several government ...



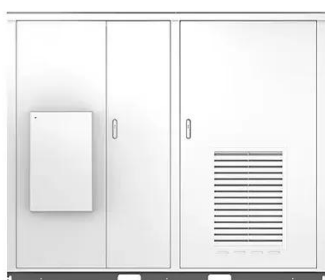


[Uzbekistan's renewable energy output hits record ...](#)

Since the beginning of the year, Uzbekistan's solar and wind power plants have produced over 5 billion kilowatt-hours (kWh) of ...



solar



From Sunlight to Storage: Uzbekistan Harnesses Pioneering Solar Energy

With its favorable climate and vast deserts, Uzbekistan's potential for solar energy production is significant. Several government initiatives to capitalize on this potential, including ...

Uzbekistan Sets Green Power Record in July with Over 1.2 Bn ...

In July 2025, Uzbekistan's solar and wind power stations produced a record-breaking 1.246 bn kilowatt-hours (kWh) of electricity, according to new official data.



[Voltaia signs PPA for 526MW Uzbek hybrid ...](#)

Once complete, the project will boast a nameplate capacity of 126MW of solar PV, 300MW of wind power and 100MW/200MWh of ...



Energy storage as an important part of ...

By storing surplus energy generated during peak ...



Voltaia signs PPA for 526MW Uzbek hybrid renewables-plus-storage ...

Once complete, the project will boast a nameplate capacity of 126MW of solar PV, 300MW of wind power and 100MW/200MWh of battery energy storage. Construction is slated ...

Uzbekistan Energizes Growth with \$7 Billion in New Energy Projects

In 2025, the country will commission 18 solar and wind power plants with a combined capacity of 3,400 megawatts, along with energy storage systems totaling 1,800 ...



Uzbekistan's renewable expansion powers long-term growth

"Today, we can confidently say that more than 20 large-scale projects in solar, wind and battery storage systems are being implemented across the country," said Minister of ...



[Uzbekistan's renewable energy output hits record high, ...](#)

Since the beginning of the year, Uzbekistan's solar and wind power plants have produced over 5 billion kilowatt-hours (kWh) of electricity -- surpassing the total renewable ...



Uzbekistan to commission 12 solar, 4 wind power plants and 12 ...

President Shavkat Mirziyoyev reviewed a presentation on measures to supply large industrial enterprises with renewable energy, as part of Uzbekistan's broader strategy to ...



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