

SolarTech Power Solutions

Uzbekistan household solar power generation



Overview

Uzbekistan has great potential for solar energy due to its high levels of solar radiation and large areas of barren land that can be used for solar power plants. The country receives an average of around 300 sunny days per year, making it an ideal location for solar power generation.

The Bukhara solar plant alone, with 860,000 panels, can power 400,000 homes. By reducing CO2 emissions by 1.2 million tonnes per year, Uzbekistan is positioning itself as a leader in renewable energy in Central Asia, with plans to export green electricity in the future.

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More than 35,000 Uzbeks have received financial support from the state for generating electricity through solar panels, according to the State Tax Committee. Between January and September 2025, 35,284 individuals were granted a total of UZS 153.6bn (\$12.8mn) in subsidies from the state budget for.

In Khorezm region, quarterly payouts nearly match the total for all of 2024. In the first quarter of this year, 12,746 Uzbek citizens received subsidies for supplying electricity generated by their solar panels to the national power grid, according to the Tax Committee. Total payments under the.

Uzbekistan is making significant strides in its transition to renewable energy, driven by a clear vision for a sustainable future and supported by robust government initiatives. This article will delve into the latest statistics on solar energy development in Uzbekistan, reviewing the key.

Solar power can play a role in meeting this demand, as the country has abundant solar resources and a strong potential for solar energy generation. The government of Uzbekistan has implemented several initiatives to promote the use of solar power, including the development of large-scale solar.

Uzbekistan has great renewable energy potential, especially for solar energy.

With a view to ensuring energy security while optimising renewable energy resources, the government has implemented a wide range of measures to promote the integration of renewable energy into the energy system and.

Uzbekistan reached a new milestone in its renewable energy transition as the country's solar and wind power plants generated 1.246 billion kilowatt-hours (kWh) of electricity in July 2025, marking the highest monthly output in the nation's history. This figure represents 17 per cent of total.

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