



Uzbekistan s solar panels



Overview

As of December 1, 2025, Uzbekistan has installed small-power solar panels with a total capacity of 1,971 MW across 141,221 facilities nationwide, marking a step in the country's transition to renewable energy, according to the Ministry of Energy. These installations include 412.5 MW across 21,346.3. 85 million solar panels – that's how many were imported into Uzbekistan in 10 months of 2023. This staggering figure represents a 21-fold increase compared to the previous year, underscoring the rapid and ambitious growth of solar energy in the country. Rapid growth in hydropower, wind, and solar — supported by home-grown technology — is driving the nation towards energy independence and a more sustainable economy. Uzbekistan is rapidly expanding its use of renewable. The private sector has played a leading role in scaling up small-scale solar power.



Article Content

Uzbekistan to launch 16 major solar and wind power plants in 2025

Uzbekistan will launch 16 large solar and wind power plants, with a combined capacity of 3.5 gigawatts, along with 5 large hydroelectric power plants totaling 160 megawatts and an energy ...

Almost 2 GW of solar panels have been installed in Uzbekistan at 141 ...

The large-scale implementation of solar power plants confirms Uzbekistan's active development of renewable energy and the transition to a more environmentally sustainable energy ...

Uzbekistan Solar Energy: 2024 Results & 2025 Plans

Solar energy adoption in Uzbekistan is not uniformly distributed across all regions, with certain areas demonstrating higher rates of installation. The Tashkent region leads the way, accounting for 35% of ...

Uzbekistan expands solar power to 1,971 MW across ...

As of December 1, 2025, Uzbekistan has installed small-power solar panels with a total capacity of 1,971 MW across 141,221 facilities nationwide, marking a step in ...

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

ADB, together with ACWA Power Company, Sumitomo Corporation, Chubu Electric Power Co. Inc., and Shikoku Electric Power Co. Inc., has signed a landmark financing package to ...

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

"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 ...

A solar energy roadmap for Uzbekistan by 2030

Considering the average solar panel lifetime, the treatment of end-of-life solar panels is not a pressing issue in Uzbekistan, but it is important to incorporate ...

Solar Panels Generate 875 Mln kWh in Uzbekistan

Between January and July 2025, solar panels installed on homes, businesses and infrastructure sites across Uzbekistan generated 875 mln kWh ...

Uzbekistan's renewable expansion powers long-term ...

From powerful rivers to rising winds, Uzbekistan is reshaping its energy future. Rapid growth in hydropower, wind, and solar — supported by ...

Uzbekistan expands solar home subsidy uptake to over 35,000 ...

Uzbekistan's installed solar capacity reached 2,275 MW at the end of 2024, up from 475 MW a year earlier, according to the International Renewable Energy Agency (IRENA). The ...

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