

PEES Power Systems

Uzbekistan household solar energy storage



Overview

With generous subsidies covering up to 40% of system costs, rapid capacity growth, and an urgent need to stabilize its power grid, Uzbekistan is quietly becoming a hotspot for solar and energy storage investments. Uzbekistan paid out UZS 209. Under the subsidy scheme, households receive. 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. 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 Tax Committee, as participation in the Solar Home program accelerates nationwide. The project was developed by Abu Dhabi-based Masdar.

Uzbekistan household solar energy storage



Tashkent household energy storage

TASHKENT, -- 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 ...

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

In October, the European Bank for Reconstruction and Development announced a \$142 million financing package for a 1 GW solar project paired with 1.3 GWh of battery storage in Uzbekistan.



Uzbekistan Unveils First Utility-Scale Solar and Battery Storage

The Nur Bukhara solar and battery storage project will generate electricity for over 55,000 homes. It will also help avoid approximately 367,000 tons of CO2 emissions annually.

Uzbekistan Scales Solar Energy Project With Battery Storage and ...

Solar power can deliver cost-competitive electricity, but without grid upgrades and flexibility tools such as storage, renewables growth can quickly run into operational constraints. This ...



A solar energy roadmap for Uzbekistan by 2030

To enhance the use of solar energy resources in Uzbekistan, we recommend the government consider incorporating, as appropriate, all measures listed in the roadmap into its solar energy strategy toward ...

Household solar generation brings record payouts across Uzbekistan ...

President Shavkat Mirziyoyev first announced subsidies for households installing solar panels in February 2023. Under the scheme, citizens receive UZS 1,000 for each kilowatt-hour of ...



Uzbekistan residents earn \$17



million from solar energy

In 2025, Uzbek citizens earned \$17.4 million by supplying electricity generated by solar panels to the grid under the "Sunshine House" program. The program launched in April 2023 and ...

2025 Uzbekistan Solar + Storage: A Hidden Market with 40

In this article, I will share with you what I've collected this June, including a clear overview of government policies, market opportunities, and why energy storage is set to play a ...



Uzbekistan's Solar Home Revolution: 35,000 Households Join the ...

Uzbekistan is fast becoming Central Asia's rooftop solar leader. Between January and September 2025, more than 35,000 households received government subsidies for exporting surplus ...

Uzbekistan pays \$16.7mn in household solar electricity subsidies in 2025

In January, Abu Dhabi-based Masdar secured financing for a \$225mn project to build a 300 MW solar power plant and a 75 MWh battery storage system in Kashkadarya.



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