

Uzbekistan-made household solar integrated machine



Overview

The project was developed by Abu Dhabi-based Masdar. It pairs a 250 MW solar PV array with a 63 MW/126 MWh battery energy storage system (BESS). The Nur Bukhara project also continues to advance Uzbekistan's push for a modernized power grid and reduce emissions. Households in Uzbekistan earned more than \$17 million from selling solar-generated electricity to the national grid in 2025, as participation in the state-backed “Solar home” program expanded sharply. Image: Daniele La Rosa Messina/Unsplash. Tashkent, Uzbekistan, Decem— Today marks a historic moment in the development of Uzbekistan's solar energy industry as the country's first production line capable of manufacturing high-efficiency 550Watt solar panels has officially begun operations. Under the initiative, households generating solar energy receive UZS 1,000. 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. Under the subsidy scheme, households receive.

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

Under the initiative, households generating solar energy receive UZS 1,000 (?\$0.08) per kWh of excess electricity fed into the grid, accelerating residential solar adoption nationwide.

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Over 28,500 households across Uzbekistan earned over \$5 million ...

President Shavkat Mirziyoyev first announced the subsidy program for households installing solar panels in February 2023. The funds are transferred via the Soliq mobile application to ...



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Household solar generation brings record payouts across Uzbekistan ...

Households in Uzbekistan earned more than \$17 million from selling solar-generated electricity to the national grid in 2025, as participation in the state-backed "Solar home" program ...



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UZBEKISTAN SOLAR SYSTEMS AND THEIR PRICES IN

The World Bank on Tuesday announced that it will support a 250-megawatt (MW) solar photovoltaic plant with a 63-MW battery energy storage system (BESS) in Uzbekistan -- Central Asia's first ...



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State support for solar energy in Uzbekistan in 2025

In addition to household initiatives, corporate programs are driving the integration of solar energy into commercial and industrial sectors. There is a mandatory requirement for 50% of the roofs of new ...

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

Uzbekistan's government has expanded direct payments to households generating solar power, disbursing more than UZS 153 billion (\$12.8 million) under its Solar Home program to ...



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Uzbekistan Unveils First Utility-Scale Solar and Battery Storage



The project was developed by Abu Dhabi-based Masdar. It pairs a 250 MW solar PV array with a 63 MW/126 MWh battery energy storage system (BESS). The Nur Bukhara project also ...

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Uzbekistan solar plant Delivers Stunning First Megawatt-Hours

Developed by the international renewable energy company Voltalia, this 126-megawatt project is a cornerstone of Uzbekistan's strategy to expand its green energy capacity. The Sarimay ...

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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.

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

The household subsidy program is developing alongside broader renewable energy expansion. According to the Ministry of Energy, Uzbekistan added nearly 200 MW of small-scale ...

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