

Residential energy storage uzbekistan

The signing ceremony was attended by the Minister of Energy of Uzbekistan, Jurabek Mirzamakhmudov, and the Chairman of the Board of the state-owned company UzEnergoSotish, Jahongir Obidjonov.

As part of the project, studies of the energy system across the entire country will be conducted, and based on the results, regions will be selected where energy storage systems will be gradually implemented.

ACWA Power is a developer, investor, co-owner, and operator of a portfolio of power generation and desalinated water production plants with a presence in 13 countries across the Middle East, Africa, and central and southeast Asia. ACWA Power's portfolio of projects in operation and development has an investment value of \$85.7 billion.

Sungrow, the global leading inverter and energy storage system supplier, introduced its latest innovative solar-plus-storage renewable energy solutions covering utility-scale, C& I, and residential scenarios during Uzenergy Expo 2023.

As one of the largest producers and sellers of fossil energy in Central Asia, Uzbekistan is taking active actions to eliminate fossil energy in domestic food and move towards a future-oriented path of sustainable energy development. The Uzbek government has decided to increase the proportion of domestic sustainable energy in total energy supply sources from the current 8% to 25% by 2030. Sungrow hopes to accelerate Uzbekistan's energy transition with its innovative products and solutions.

Sungrow showed the "1+X" modular inverter and SG320HX-20 string inverter during the expo. It is noted that the "1+X" modular inverter is an innovative product that combines the advantages of central and string inverters. The modular inverter combining eight units can provide a capacity of 1.1 MW per unit and a maximum capacity of 8.8 MW, creating a flexible configuration in complex scenarios.

For energy storage systems, the new generation of PowerTitan attracted audiences' attention. It is a professional integration of Sungrow's power electronics, electrochemistry, and power grid support technologies. PowerTitan 2.0 adopts a higher density of 314 Ah, with 5 MWh batteries housed in a 20-ft container, making energy storage more efficient and safer. Impressively, PowerTitan has already secured global contracts exceeding 13 GWh.

In the process of vigorously developing renewable energy in Uzbekistan, the energy transition of industrial parks and commercial buildings is an important part. Sungrow offers a full range of renewable energy solutions for the C& I sector, including the SG125CX-P2 and SG25-50CX-P2 string inverters, the PowerStack ESS, the SP600S power optimizer, and the digital O& M platform iSolarCloud. With an all-inclusive solution, commercial and industrial buildings can systematically harness clean energy.

During the expo, the "Sunity Night: Green Power For All" ceremony, hosted by Sungrow and Get Green Energy Trade, was a resounding success in Tashkent. Alimukhameddov Aziz Khusanovich, Director of the National Research Institute for Renewable Energy Sources under the Ministry of Energy of the Republic of Uzbekistan, was invited to deliver the opening speech. Government officials, Tashkent State University of Economics, and Tashkent State Technical University participated in the panel discussion to share insights about the sustainable economy.

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