

ContainerPower Energy Solutions

Uzbekistan energy storage battery applications



Overview

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ADB and partners mobilize financing for solar and battery projects in Uzbekistan bringing clean energy to around 600,000 homes and promoting green growth. TASHKENT, UZBEKISTAN (29 October 2025) — The Asian Development Bank (ADB), together with ACWA Power Company, Sumitomo Corporation, Chubu.

The European Bank for Reconstruction and Development (EBRD) is providing \$142mn (€121mn) in financing for two special-purpose vehicles (SPVs) set to develop Uzbekistan's and Central Asia's largest combined solar photovoltaic and battery energy storage project to date. The two SPVs—ACWA Power.

The Project involves the construction, ownership and operation of solar power plants that can generate 1,000 MW, equivalent to the annual electricity consumption of approximately 600,000 households, and large-scale battery energy storage systems (BESS), with a total storage capacity of 1,336 MWh.

Energy storage projects like the Lochin BESS play a crucial role in enhancing supply reliability and mitigating the intermittency of renewables. As a key component of the national energy strategy, the Lochin 300MWh BESS will supply 2,190GWh of firm capacity and flexible power annually, reinforcing.

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