

PDEOZE PowerContainer

Uzbekistan Substation Energy Storage Project



Overview

UAE-based Masdar and AMEA Power have signed agreements to build large-scale energy storage systems in Uzbekistan, strengthening their role in the country's renewable energy transition and advancing sustainable power infrastructure. What is a power purchase agreement (PPA) for Uzbekistan?

ACWA Power and the JSC National Electrical Grid of Uzbekistan signed a 25-year Power Purchase Agreement (PPA) for the development/construction/operation of a 500 MW photovoltaic plant including a 334MW battery energy storage system ("BESS"), Substation, 70km 220Kv and 350km 500kv with double circuit single tower OHTLs.

What is Uzbekistan Country Partnership Strategy 2024-2028?

The Projects are aligned with Uzbekistan Country Partnership Strategy 2024-2028 in supporting strategic priorities of accelerating the green transition in energy and other sectors (pillar 1), and supporting expansion of the private sector's role in the economy and improving competitiveness (pillar 2).

Where will ACWA Power build a Samarkand 2 power plant?

The project will be located in the Samarkand region and will be developed as a 'Build, Own, Operate, Transfer' project. ACWA Power will take the lead in the construction, engineering, operation and maintenance the plant. Samarkand 2.

Who owns the land in Uzbekistan?

Social and Gender Aspects: The entire land in Uzbekistan as per the country law belongs to the government. The Wind Farm (WF) and the OHTL will require land acquisition of around 103 Ha.

Where is PPPA project located in Uzbekistan?

The proposed project site is in the Karatau mountain region in Beruniy and

Qorao'zak Districts in Karakalpakstan, Northwestern Uzbekistan. A 25-year PPPA has been awarded to ACWA through a competitive tender and signed on March 28, 2024, with the National Electric Grid of Uzbekistan (NEGU) as the Public Partner (off taker).

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