

# Comparison of 75kW Outdoor Energy Storage Units in Five Central Asian Countries



## Overview

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Abstract: The paper presents a comprehensive concise review of the potential, use, implementation prospects and barriers to the development of renewable energy sources (RES), including small hydropower, solar, wind, geothermal and bioenergy, for five Central Asian. Abstract: The paper presents a comprehensive concise review of the potential, use, implementation prospects and barriers to the development of renewable energy sources (RES), including small hydropower, solar, wind, geothermal and bioenergy, for five Central Asian. Central Asia has become a hotspot for solar energy storage solutions, with its 300+ sunny days annually and governments pushing renewable energy adoption. The region's storage market is projected to grow at 18.7% CAGR through 2030, driven by: "The Samarkand Solar Farm in Uzbekistan recently. The results shown on the following slides are from the project's four key scenarios with harmonized CO2 prices. This assumes the countries of Central Asia all commit to substantial decarbonization in the long run. r stan ur menistan anistan ur menistan r stan aji istan dro dro dro dro ird Countr. Clean energy technology innovations are continuously breaking records but to capitalise on them and unlock the gains of the clean energy transition, it is essential to accelerate the investments in grid flexibility and storage. The first two units are under construction.

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