

# Central Asia 2 4 billion energy storage project





## Overview

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### Can China scale up energy storage investments?

This study explores the challenges and opportunities of China's domestic and international roles in scaling up energy storage investments. China aims to increase its share of primary energy from renewable energy sources from 16.6% in 2021 to 25% by 2030, as outlined in the nationally determined contribution .

### What is the Energy Outlook for Central Asia?

Here are five things to know about the energy outlook for Central Asia and the rest of the CAREC region. 1. Energy demand in the CAREC region (excluding the PRC) will grow by more than 30% by 2030 In 2020, energy demand in CAREC countries was 204 million tons of oil equivalent (toe), without including the PRC.

### How can Central Asia improve its energy security?

These include investments in power generation and energy efficiency. The region can further enhance its energy security through cross-border infrastructure such as the Central Asian Power System, which interconnects Central Asian countries at different voltage levels and enables regional power trade. 5.

### What is China's energy storage capacity?

China's energy storage capacity accounted for 22% of global installed capacity, reaching 46.1 GW in 2021 . Of these, 39.8 GW is used in pumped-storage hydropower (PSH), which is the most widely used storage technology.



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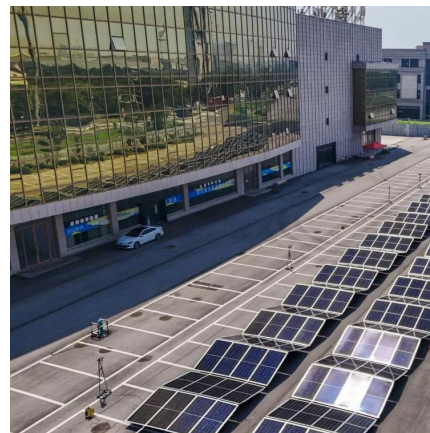
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