



# Central Asia Lithium-ion Energy Storage Project





## Overview

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French renewable energy power producer Voltalia has begun construction of its Artemisya “strategic cluster” project in Uzbekistan, Central Asia. The Indian government has made a significant ruling on the Viability Gap Funding (VGF) scheme supporting battery storage projects.

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Lithium-ion energy storage power supply systems are quietly transforming Tashkent into Central Asia’s unlikely energy innovation hub. From solar farms in the Chirchik district to smart microgrids powering historic madrasas, this ancient Silk Road city is writing a new chapter in energy storage.

In 2024, lithium-ion battery pack prices dropped to the lowest in eight years. Significantly lower raw material costs and more affordable battery technologies are driving investments in the Asia-Pacific region’s battery energy storage system (BESS) market. This means more room for excess.

The Asia Pacific lithium-ion stationary battery storage market size was at USD 82.3 billion in 2024 and is expected to reach 1.37 trillion by 2034, growing at a CAGR of 30.3% from 2025 to 2034. The growing integration of renewable energy sources, including wind and solar, necessitates the.

As the Asia-Pacific (APAC) region rapidly scales up renewable energy, Battery Energy Storage Systems (BESS) are gaining unprecedented momentum. No longer a niche add-on, BESS is now a central pillar in the clean energy transition—stabilizing grids, enabling round-the-clock renewable power, and.

TASHKENT, Uzbekistan, Jan. 24, 2025 /PRNewswire/ -- Sungrow, the global leading PV inverter and energy storage system (ESS) provider, in partnership with China Energy Engineering Corporation (CEEC), are proud to announce the successful commissioning of a groundbreaking Lochin 150MW/300MWh energy.

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1mwh (500kw/1mw)

AIR COOLING  
ENERGY STORAGE CONTAINER



### [Asia Pacific Lithium-Ion Stationary Battery Storage](#)

The Asia Pacific lithium-ion stationary battery storage market size exceeded USD 82.3 billion in 2024 and is expected to grow at a CAGR of 30.3%

### [Lower costs spark surge in battery storage projects](#)

Significantly lower raw material costs and more affordable battery technologies are driving investments in the APAC region's battery ...



### [Indonesia: CATL in US\\$6 billion battery integration](#)

The company signed an agreement with Malaysian engineering consultancy CitaGlobal to explore the potential for developing, designing, ...

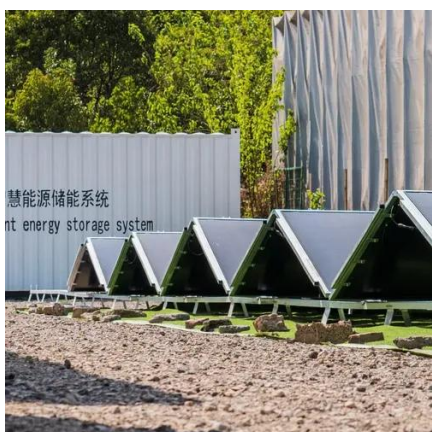
## Why Lithium-Ion Energy Storage is Electrifying Tashkent's Future

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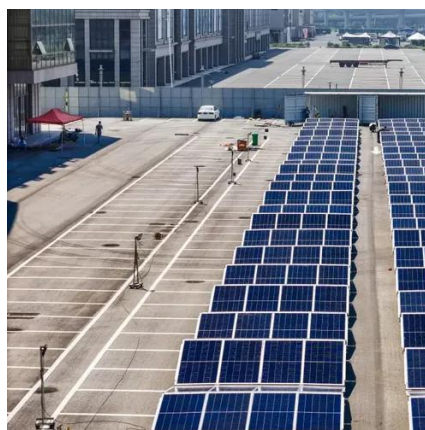
### Asia Pacific Lithium-Ion Stationary Battery Storage Market, ...

The Asia Pacific lithium-ion stationary battery storage market size exceeded USD 82.3 billion in 2024 and is expected to grow at a CAGR of 30.3% from 2025 to 2034, driven by the need to ...



### [The Indonesian-Chinese lithium-ion battery plant](#)

A partnership between Indonesia Battery and Contemporary Amperex Technology aims to launch a lithium-ion battery plant in Indonesia by the ...



### [?Edition #38? Power in Reserve: Battery Energy Storage](#)

Battery Energy Storage Systems (BESS) are rapidly becoming the cornerstone of energy infrastructure across the APAC region. This rise is driven by a convergence of urgent ...



### The Indonesian-Chinese lithium-ion battery plant will open with ...



A partnership between Indonesia Battery and Contemporary Amperex Technology aims to launch a lithium-ion battery plant in Indonesia by the end of 2026, with a 6.9 gigawatt-hour capacity ...



### Central & East Asia Archives

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### Sungrow and CEEC complete Central Asia's largest energy storage project

Sungrow, the global leading PV inverter and energy storage system (ESS) provider, in partnership with China Energy Engineering Corporation (CEEC), are proud to announce the ...



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### [Indonesia: CATL in US\\$6 billion battery integration project](#)



The company signed an agreement with Malaysian engineering consultancy CitaGlobal to explore the potential for developing, designing, and building cell, module, pack, ...



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### [Lower costs spark surge in battery storage projects](#)

Significantly lower raw material costs and more affordable battery technologies are driving investments in the APAC region's battery energy storage system.



### **Sungrow and CEEC Complete Central Asia's Largest Energy Storage Project**

Installed with Sungrow's cutting-edge liquid-cooled ESS PowerTitan 2.0, this facility marks Uzbekistan's first energy storage project and stands as the largest of its kind in Central ...



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