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# The latest energy storage projects under construction in East Asia

Which countries are deploying a battery energy storage system (BESS) in 2025?

Spanning Australia, Japan, Southeast Asia and South Asia, these deployments represent a substantial contribution to 16 GWh of new Battery Energy Storage System (BESS) capacity projected to be added in APAC (excluding China) in 2025, according to BloombergNEF.

How many pumped storage facilities are there in China?

For China, this average is from 315 projects, far and away the highest number of pumped storage facilities recorded in the world. In September 2021, China's National Energy Administration (NEA) released its "Mid-term and Long-term Development Plan for Pumped Storage Hydropower 2021-2035." The official goal is to reach

What is the energy demand in East Asia & Pacific?

With rapid urbanisation and industrialisation, the East Asia and Pacific region has been on a trajectory of rapidly rising energy demand. China continues to dominate hydropower development in the East Asia and Pacific region, adding 14.4GW of new installed capacity in 2024 to reach a total of 435.95GW.

Which pumped storage projects are under construction in Karnataka & Odisha?

In Karnataka, the 2GW Sharavathy pumped storage project is under construction and is expected to be commissioned in December 2029. The 300MW Narihalla project is also in its early development phase. In Odisha, construction has started on the 600MW Upper Indravati project, following detailed project report (DPR) approval.

Introduction While solar and wind dominate headlines, hydropower and energy storage remain Asia's backbone for grid stability. With intermittent renewables increasing, ...

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The energy storage market in the Asia-Pacific (APAC) region is driven by rising demand for renewable energy, supportive government policies, and technological ...

10 July 2025 - Trina Storage, the energy storage division of global solar leader Trinasolar, has reached a significant milestone with more than 2.4 GWh of utility-scale storage capacity under ...

As Asia accelerates its clean energy shift, energy storage is emerging as a cornerstone--driving stability, reliability, and innovation across the region's power systems.

Tianhe Energy Storage Technology Co., Ltd. has made significant breakthroughs in the energy storage market in the Asia Pacific region. As of July 2025, the total scale of its large ...

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A 500 MW / 2,000 MWh standalone BESS in Tongliao, Inner Mongolia, has begun commercial operation following a five-month construction period, reflecting China's ...

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