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# Asia-Pacific Energy Storage Container 125-foot Project Financing

Is energy storage a bumpy ride in Asia?

By Ganesh Padmanabhan, Head of Project Finance, Jern Siew, Executive Director, Project Finance (Australia), and Suvro Sarkar, Senior Vice President, Group Research (Energy Sector), DBS Bank. As Asia gears up for a shift to renewable energy, energy storage has come to the fore. But the transition to cleaner power can be a bumpy ride.

How big is Australia's energy storage capacity in 2022?

As of 2022, BNEF estimates Australia had 1.4GW/3.5GWh of cumulative energy storage capacity (excluding pumped hydro), of which 60% is standalone and 40% paired. Such paired solar and BESS (RTC) projects are expected to grow at a compound annual growth rate (CAGR) of 37% by 2025, based on the data available.

Why is project finance difficult for energy storage?

It has traditionally been difficult to secure project finance for energy storage for two key reasons. Firstly, the nascent nature of energy storage technology means that fixed income lenders and senior debt providers are naturally risk averse.

What are Australia's energy storage projects involving solar and wind?

Australia's storage projects have historically focused on standalone BESS, but in recent years, there has been a rise in projects involving solar and wind coupled with BESS that are expected to be commissioned in the next two years.

Explore how energy storage is transforming the energy transition in Asia-Pacific. Learn how DBS supports sustainable energy advancements for the future.

ADB and GEAPP launch ENABLE, a grant agreement to establish Enhancing Access to Battery Energy Storage System (BESS) ...

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

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And yet, despite the overwhelmingly urgent need for energy storage around the world, the application of project finance mechanisms to battery energy storage projects has been patchy ...

New analysis of business cases for grid-scale energy storage highlight opportunities to maximize multiple revenue streams and optimize projects. Market dynamics, technical developments ...

Discover the current state of energy storage developers in Asia, learn about buying and selling energy storage projects, and find financing options on PF Nexus.

As we move through this decisive decade for clean energy, Asia's energy storage market is stepping firmly onto the global stage.

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revenue streams and optimize ...

Nineteen Asia-Pacific countries are now rated at high risk of debt distress.<sup>21</sup> A mismatch is emerging between the borrowing ability of countries and the capital structure of ...

ADB and GEAPP launch ENABLE, a grant agreement to establish Enhancing Access to Battery Energy Storage System (BESS) for Low-carbon Economies (ENABLE), ...

The Asia-Pacific region, home to some of the world's most dynamic economies, is undergoing a significant transformation. As these countries advance in technology and ...

Strategise Revenue Generation: Explore strategies to generate revenues from deploying energy storage projects across the Asia-Pacific region Optimise Financing and ...

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