

Solar Storage Container Solutions

BESS Energy Storage Project Financing



Overview

The financing will provide construction funding for Akaysha's Orana Battery Energy Storage System (BESS) project, which is one of the largest four-hour batteries globally and will add more than 1,660MWh of storage capacity to the National Electricity Market (NEM). What is Akaysha's BESS project?

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Why should a private financier invest in a BESS project?

This offers comfort to private financiers to provide capital at a competitive rate. Independent BESS projects, only supporting renewable energy projects, can be bundled together, and issued as green bonds to potential large investors.

Is BESS a good investment?

Although risk-taking investors seeking a higher return on their investment in BESS can translate into higher energy tariffs, it is not ideal for large-scale adoption of BESS. Moreover, the capital available with this class of investors is limited compared to this solution's growth potential.

Is blended financing a viable financial model for BESS projects?

As per McKinsey & Company, the market size of the BESS ecosystem is expected to reach \$150 billion by 2030. Thus, blended financing as a financial model should be considered, where public capital can be used as a first-loss capital for BESS projects. This offers private financiers the comfort of providing capital at a competitive rate.

Can a BESS project be issued as a green bond?

Independent BESS projects can be bundled together and issued as green

bonds to potential large investors. A partial credit guarantee can be provided by public capital providers to improve the credit ratings of green bonds, which is necessary to attract these low-risk-seeking investors.

How complex are Bess assets?

BESS assets are more technically complex than many of the assets that come across the average UK project finance lender's desk. This nascent market is rapidly adapting to several somewhat unpredictable factors and its impact on both senior debt cover ratios and equity IRRs.

BESS Energy Storage Project Financing



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BBDF 2025: Understanding BESS project bankability

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financing, reflecting the Company's growing expertise in battery storage technology. The project is ...



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Modern BESS offtake agreements: A guide for project ...

Mar 31, 2025 · Reading time: 10 min The financial viability of Battery Energy Storage Systems (BESS) and renewable energy projects hinges on well-structured offtake agreements. These ...

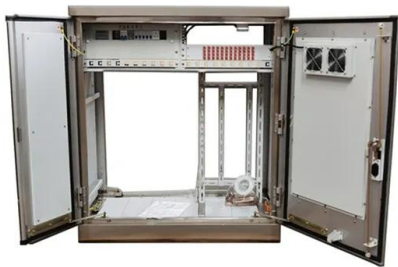


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BESS revenue models: tolling, floor & fully merchant

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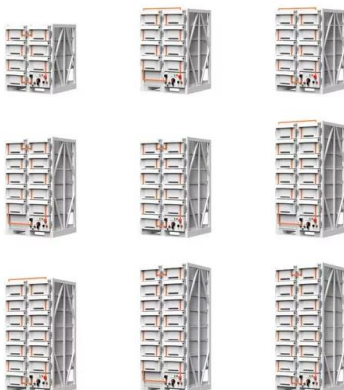


The BESS Brief - Part 2: BESS Financing is Entering a New Phase

Jul 15, 2025 · Today, we are seeing non-recourse project finance for 600+ MW portfolios, mezzanine debt entering the capital stack, and public banks co-financing with private lenders. ...

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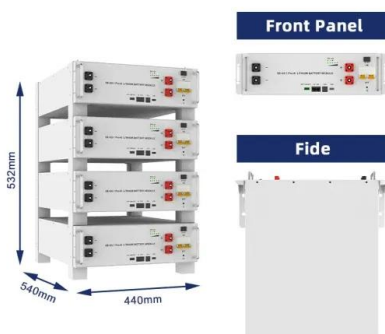


UK Roundup: Developers net large-scale BESS financing and ...

May 20, 2025 · British battery energy storage system (BESS) firm Field has secured new financing to continue building out its UK project pipeline. The £42 million non-recourse loan ...

Red Sands BESS Project Secures R5.4bn Financing, Set to ...

Jul 7, 2025 · The ambitious 153 MW/ 612 MWh Red Sands battery energy storage system (BESS) project, poised to become Africa's largest standalone facility of its kind, has reached financial ...



Quinbrook closes debt financing for Australia's Supernode BESS

Jan 22, 2025 · GE Vernova has been selected to provide the BESS for stages one and two of the Supernode project. Image: Quinbrook Infrastructure Partners. Global sustainable energy ...

How to finance battery energy storage , World Economic ...

May 10, 2024 · Independent BESS projects, only supporting renewable energy projects, can be bundled together, and issued as green bonds to potential large investors. Partial credit ...



Peregrine Energy secures US\$168 million for 150MW BESS

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Bankability and the funding Pathway for BESS ...

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