



EQACC SOLAR

Co-construction of energy storage projects



Overview

Should energy storage be added to PV projects?

Adding energy storage to PV projects offers significant opportunities for futureproofing investments and enhancing grid stability says Buccini. Image: Trina Storage. While not essential for every project, co-location is emerging as a strategic option for developers aiming to maximise value and adapt to evolving market needs.

What are the benefits of a co-located battery energy storage system?

Adding co-located battery energy storage system (BESS) capabilities to a planned PV project offers several benefits, such as futureproofing against market volatility, increasing operational flexibility, and providing additional revenue streams through grid services.

Why do energy providers need a co-located Bess system?

For energy providers, co-located BESS also mitigates the risk of solar cannibalisation – the drop in wholesale electricity priced caused by an oversupply of solar generation. By storing surplus energy on-site, operators can strategically release it when demand is high, optimising revenue and grid stability.

What will be done to support grid-forming energy storage?

Going forward, various tests and performance experiments will be carried out to provide data support for the testing and standard setting of grid-forming energy storage.

Co-construction of energy storage projects



Study on the investment and construction models and value

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To address the issue, this paper proposes investment and construction models for shared energy-storage that aligns with the present stage of energy storage development.

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These opinions propose accelerating technological innovation in new energy storage, establishing and improving supporting mechanisms, and achieving high-quality development of new energy

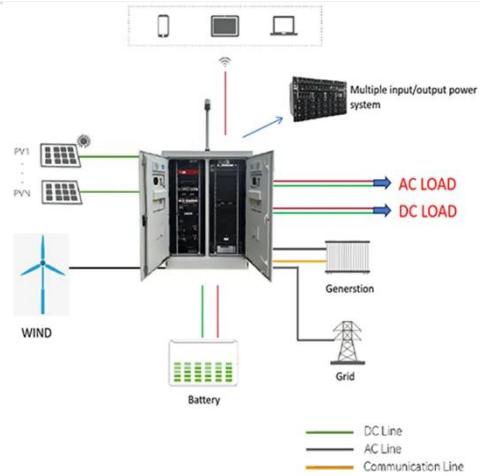
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