

SolarInnovate Energy Solutions

ASEAN Grid Energy Storage Policy



Overview

How is ASEAN reshaping the power grid?

ion, and Control Wide-Area Monitoring SystemExecutive SummaryIn recent years, the ASEAN's power grid landscape is evolving. The integration of Distributed Energy Resources (DERs), such as rooftop solar photo Itactics (PV) systems and battery energy storage, is reshaping ASEAN's power systems by increasing flexibility and resilience.

Will ASEAN's Grid investments align with the evolving energy landscape?

Ultimately, aligning grid investments with the evolving energy landscape will be key to ASEAN's transition toward a more sustainable, efficient and competitive power system. This study assesses the gap between ASEAN's projected power demand and the required renewable energy capacity to align with net-zero targets.

Why should ASEAN prioritize grid infrastructure & political solutions?

As ASEAN moves toward deeper regional energy integration, prioritising grid infrastructure and political solutions will be essential to unlocking new opportunities and ensuring a more interconnected and resilient power system.

What is the role of the grid in ASEAN?

The role of the grid is more than just moving electricity. In ASEAN, a stronger and interconnected grid can create a robust renewable energy market, connecting countries, uplifting communities, and bringing clean energy to the darkest corners. Grid upgrade, coupled with clean flexibility tools can better prepare ASEAN for a renewables-based future.

Does ASEAN need enabling policies for energy storage?

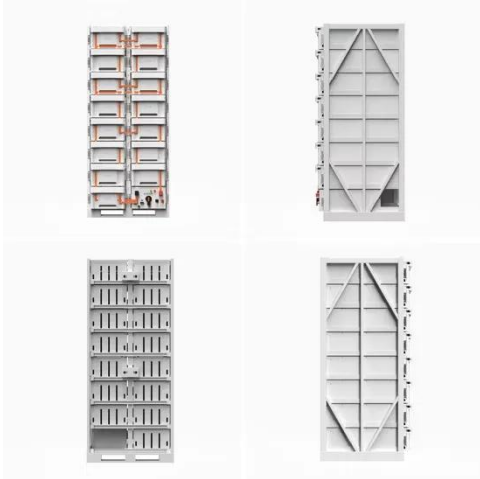
However, ASEAN has many untapped markets for energy storage applications. Hence, to maximise the market potential and accelerate the low carbon

transition in ASEAN, this policy brief recommends several enabling policies for energy storage. [/vc_column_text] [vc_column_text el_class="iframe-pub"] [/vc_column_text] [/vc_column] [/vc_row].

What is the ASEAN Power Grid (APG)?

The ASEAN Power Grid (APG) envisions power sector integration through the development of grid infrastructure and a regional power market, comprising multiple cross-border transmission projects categorised into northern, southern, and eastern sub-regions.

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