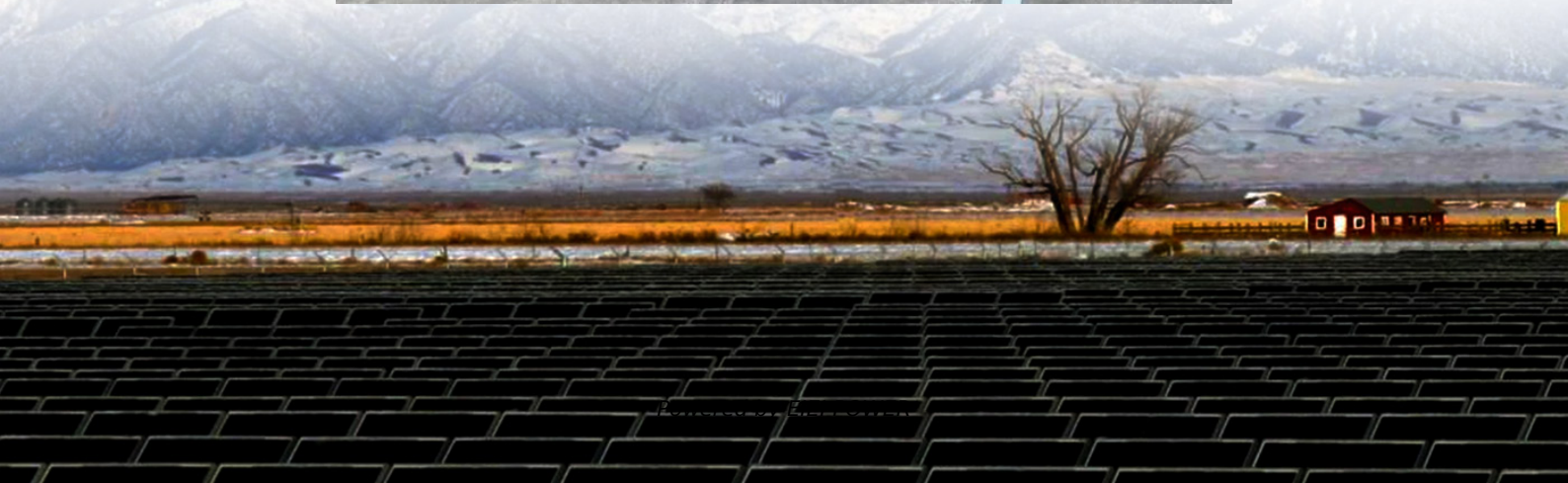


# **Distributed Energy Storage of Southeast Asia Power Supply Bureau**





## Overview

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What role can distributed energy systems play in ASEAN?

Distributed Energy Systems (DESS) can solve these challenges due to the increasing availability of small power generation and intelligent grid technologies. It is necessary to find what role DESS can play so that ASEAN participating countries could utilise these systems.

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 Itatics (PV) systems and battery energy storage, is reshaping ASEAN's power systems by increasing flexibility and resilience.

Which country has the most policy driven battery storage market in Southeast Asia?

The Philippines has become the most policy driven battery storage market in Southeast Asia. Through Green Energy Auction Program (GEA) 4, the Department of Energy has integrated storage as a mandatory element of large-scale renewable tenders. This decision has created a multi gigawatt pipeline of projects that have a clear commercial path.

What is a distributed energy system?

The Distributed Energy System (DES) is a decentralised power system where electric power is produced and consumed locally at or near the point of use. DES involves the distributed power technologies, which can be stationary (typical of electrical applications) or mobile (as in marine and locomotive applications).



## Distributed Energy Storage of Southeast Asia Power Supply Bureau

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