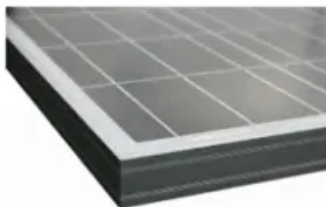


# Southeast Asia Industrial Energy Storage Subsidies



## Overview

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This paper explores the role of BESS in the ASEAN energy landscape, examining current trends, benefits, challenges, and the pathway towards optimising its potential across the region. The Asia-Pacific region's energy consumption, led by the ASEAN countries, is on . 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. The . Hithium has signed a cooperation agreement for a potential 3GWh of battery storage deployments in the Asia-Pacific region with infrastructure investor Brawn Capital. The combination of the shift to renewable energy and the lack of grid stability in several Southeast Asian nations indicates the need for storage technologies, a need which is starting to be recognised at governmental level. This . In this context, Behind-the-Meter (BTM) Battery Energy Storage Systems (BESS) stands as a key enabler of this transformation, offering innovative solutions to enhance energy security, integrate renewable energy sources, and ensure stable and efficient grid operations. In 2026, Vietnam, Thailand, and Indonesia are attracting record foreign direct investment in . Southeast Asia accounts for 9% of the world's population, 6% of the world's GDP and 4% of world energy consumption. The region's population is expected to grow to nearly 800 million by 2050; together with continued economic growth this will have strong implications for energy demand.

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### ABB BESS Paper

The rise in consumption also highlights the importance of deploying advanced energy storage solutions like Battery Energy Storage systems (BESS) which are needed to support moves towards more

### Overview: energy storage market in Southeast Asia

Through this article, let's take a look at the development of the energy storage markets in Southeast Asia.



### Southeast Asia BESS 2026: The Industrial Storage Boom Solving

As Southeast Asia cements its status as a global manufacturing powerhouse, its factories are grappling with a hidden crisis: an electricity grid struggling to keep pace with explosive growth.

### [Market attractiveness analysis of battery energy storage systems in](#)

By assessing BESS market attractiveness in five key Southeast Asian countries (Indonesia, Malaysia, the Philippines, Thailand, and Vietnam), this study investigates the potential



### [Southeast Asia Battery Storage Market 2030: Trends, Policy, and](#)

The Philippines is running multi-gigawatt solar-



### [MOEA Introduces Industrial Energy Storage Subsidies, Supported by](#)

The Ministry of Economic Affairs (MOEA) today (March 18) announced a new measure to accelerate the adoption of energy storage systems by industrial users while ensuring installation and operational



### **Southeast Asia's emerging energy storage opportunity**

The IEA's 2022 Southeast Asia Energy Outlook reported that under stated policies by the ten countries in the ASEAN region, three-quarters of that increasing demand will be met with fossil fuels, leading to



plus-storage auctions, Vietnam is turning to storage to curb solar curtailment, and Thailand is deploying industrial storage to cut peak tariffs



### **Southeast Asia - World Energy Investment 2024 - Analysis**

The Asia Zero Emission Community initiative by Japan provides financial support of up to USD 8 billion to 2030 for energy projects in participating countries: Indonesia, Philippines, Thailand and Viet Nam.



### **Southeast Asia Archives**

Carrie Xiao examines some notable recent partnerships and supply agreements for Chinese energy storage players in the Middle East, Europe, Africa and Australia.

## **ENERGY TRANSITION IN SOUTHEAST ASIA: SOLVING THE**

Southeast Asia can look to Australia and Japan as examples of how to promote the adoption of energy storage systems (and, once the necessary regulations are in place, the potential speed of the rollout).



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