

## Kongres Container

# Norway Taiwan Enterprise Energy Storage Project Branch



## Overview

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What is energy storage equipment in Taiwan?

Taiwan revised its “Renewable Energy Development Act” on May 1, 2019, and Article 3, paragraph 1, Subparagraph 14 of the Act clearly defines energy storage equipment as a means of storage for power which also stabilizes the power system, including the energy storage components, the power conversion, and power management system.

Is energy storage a new industry in Taiwan?

In Taiwan, energy storage is a new and developing industry. However, not many articles have been written on the subject of energy storage in the past. Therefore, it is quite valuable to discuss it.

What is Taiwan's energy storage policy?

Taiwan's power grid system is an independent power grid. To cope with the impact of renewable energy integration in the future, there is a demand for energy storage systems. The government's policies on energy storage can be summarized as follows: (1) Solving the problem of intermittent renewable energy grid connection.

What are the future prospects for Taiwan's energy storage industry?

Future prospects Taiwan's energy storage industry is currently in its infancy and is mainly being developed and dominated by the Taiwan Power Company (Taipower), the Chinese Petroleum Corporation, Taiwan (CPC Taiwan). Taipower expects to complete a 590 MW energy storage system installation by 2025.

Why are stable energy storage solutions important in Taiwan?

As Taiwan's renewable energy share continues to grow, stable energy storage solutions are becoming increasingly vital to offset fluctuations in solar and wind power generation.

Can Taiwan compete with international manufacturers in the energy storage industry?

Taiwan's foundation in the energy storage industry is in the field of battery technology, but it is difficult to compete with international manufacturers in terms of costs. Shortcomings and other issues regarding Taiwan's inability to international manufacturers can be analyzed from 6 aspects shown in [Fig. 14].

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