

## **A-Core Container**

# **Philippine Energy Storage Container Power Station Standards**



## Overview

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The ERC is reviewing the PGC, PDC, and WESM rules to integrate grid-forming inverters, synthetic inertia, dispatch protocols for storage, distribution-level interconnection requirements, and smart-metering standards. Is energy storage an enabler for the modernisation of electricity networks?

In order to accommodate energy storage as an enabler for the modernisation of its electricity networks, the Philippines' Department of Energy (DoE) has issued a circular, "Providing a framework for energy storage system [sic] in the electric power industry", this week.

Is there a governing policy framework for energy storage?

Internationally, the department said, energy storage systems are in use for a variety of applications relating to the transmission, distribution and generation of energy. Domestically however, various stakeholders have raised concerns that there is a "lack of governing policy framework for its regulation and operation".

What are energy storage systems?

It said the definition of energy storage systems, or ESS, will be facilities capable of absorbing energy generated from a renewable energy source or generation facility connected to the grid, and injecting stored energy when needed.

How is Bess transforming the Philippine energy industry?

With the commercial operations of approximately 1,000 MW of BESS facilities across 32 locations in the Philippines, we are now ushering in a new era for the Philippine energy industry through significant improvements in grid reliability and the integration of more renewable power sources to the country's diverse energy mix.

Who owns energy storage systems?

Generation companies may own energy storage systems, either as standalone facilities or integrated into existing generation. ESS systems may then be registered to participate in the wholesale electricity spot market (WESM).

What is Masinloc battery energy storage?

We started our venture into battery energy storage technology in 2018 when we acquired the 10 MW Masinloc Battery Energy Storage System (BESS) of the Masinloc Power Plant from AES Philippines. The Masinloc BESS is the first battery energy storage facility in the Philippines and one of the first in Southeast Asia.

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