



# Hybrid type of energy storage cabinet for mining in North Philippines





## Overview

---

The project combines thermal generation with battery storage - an emerging model for climate-resilient energy in Asia. As Asia's energy landscape undergoes rapid transformation, the integration of battery energy storage into thermal generation assets is gaining traction.

The project combines thermal generation with battery storage - an emerging model for climate-resilient energy in Asia. As Asia's energy landscape undergoes rapid transformation, the integration of battery energy storage into thermal generation assets is gaining traction.

Officials of Therma Marine, Inc. (TMI), a unit of Aboitiz Power Corp.'s unit, during the groundbreaking ceremony for its 48MW Nasipit Hybrid Energy Storage System in Nasipit, Agusan del Norte on Monday (April 21, 2025). The project is expected to be online by the second quarter of 2026. (Photo.

In a strategic move valued at approximately \$21 million, Aboitiz Power is integrating BESS technology into its existing thermal plants, a model for clean energy that is being closely watched by national utilities as a blueprint for climate-resilient infrastructure. The groundbreaking for.

Aboitiz Power Corporation (AboitizPower), through its subsidiary Therma Marine Inc. (TMI), recently broke ground for its upcoming 48 megawatt (MW) Nasipit Hybrid Energy Storage System (BESS) project, which will be integrated into its oil-fired power facility, TMI Mobile 2, in Lawis, Sta. Ana.

CEREMONIAL SWITCH - ON — AboitizPower Thermal Business Group COO Ronaldo Ramos (5th from left) leads the switch-on ceremony of Southeast Asia's first hybrid Battery Energy Storage System on a floating platform, together with Davao de Oro Governor Dorothy Gonzaga (4th from left) and Maco Mayor.

Hybrid battery energy storage Philippines seen as key to cleaner, more reliable energy future The Philippines is moving closer to a cleaner and more stable energy future with hybrid battery energy storage systems (BESS). Combining renewable sources like solar or wind with battery technology, these.

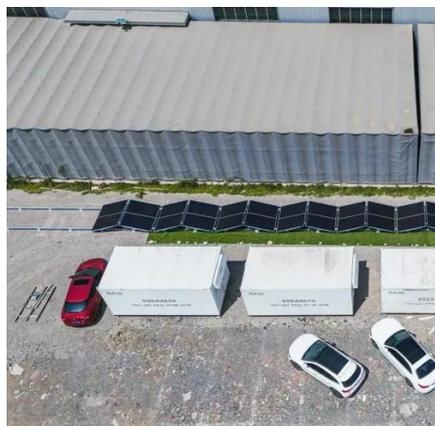
We understand that acquiring an uninterruptible power source is a challenge for



mines, however Aggreko's solutions are superior, providing safe and stable energy particularly in areas where there is limited or no access to mains power or gas. We also understand the practical challenges of reducing.



## Hybrid type of energy storage cabinet for mining in NorthPhilippines



### [Hybrid Energy System , Battery Energy Storage](#)

PowerLink offers advanced Hybrid Energy System with intelligent energy management, integrating solar, wind, generator, and grid power.

### [15kW / 35kWh Hybrid Solar System Integrated Energy Storage Cabinet](#)

The BSLBATT PowerNest LV35 hybrid solar energy system is a versatile solution tailored for diverse energy storage applications. Equipped with a robust 15kW hybrid inverter and 35kWh ...



### [Aboitiz Power Breaks Ground for 48-MW Nasipit Hybrid Energy ...](#)

Aboitiz Power Corporation, via its subsidiary Therma Marine Inc. (TMI), has initiated construction for the 48-megawatt Nasipit Hybrid Energy Storage System (BESS) in ...

### [AboitizPower breaks ground for 48-MW Nasipit ...](#)

AboitizPower pioneered its BESS model through the first-of-its-kind hybrid BESS installed in its TMI Mobile 1 oil-fired power plant in ...



### Container Energy Storage Battery Power Stations: The Future of ...

That's exactly what container energy storage battery power stations are achieving today. These modular systems are revolutionizing how we store and distribute renewable ...



### Deploying battery energy storage systems in mining

Is energy storage becoming business as usual when mines assess the feasibility of hybrid energy solutions and, if so, what is the main driver for this? Incremental hybridisation for lower carbon ...



### Aboitiz Power Pioneers Hybrid BESS Project in the Philippines

Aboitiz Power Corporation, one of the Philippines' major utilities, has launched a project that reflects this shift toward hybrid infrastructure. The company is constructing a 30-megawatt ...





## Energy Storage System in the Philippine Electric Power Industry

Is considered as an Energy Storage System (ESS) as it uses electric energy to store energy at night, wherein the demand is low, and then generating energy during daytime ...



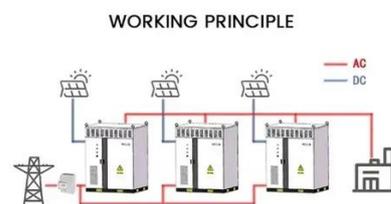
## The progress and promise of hybrids in mining

Decarbonising mining is challenging. While electric and hydrogen solutions show promise, they are still in development and not yet reliable for heavy equipment in demanding ...



## Energy Storage Revolution: How International Mining is Powering ...

Why Energy Storage is Mining's New Gold Rush a remote mining site in Chile's Atacama Desert, where energy storage systems are literally keeping the lights on after sunset. ...



## Aboitiz Power Pioneers Hybrid BESS Project in the ...

Aboitiz Power Corporation, one of the Philippines' major utilities, has launched a project that reflects this shift toward hybrid infrastructure. The ...





## Off-Grid Hybrid Power Plant Systems and Solutions

One-way the mining sector can improve efficiency and bottom lines massively is through the implementation of hybrid power. Hybrid power plants combine the advantages of renewable ...



## ESS Solar Energy Storage Battery Cabinet 215kwh 430kwh ...

Namkoo NKB Series 215kwh commercial & industrial energy storage system adopts the all in one design concept. The cabinet is integrated with battery management system (BMS), energy ...

## 48MW Nasipit Hybrid Energy Storage System starts construction

MANILA - Construction of the 48-megawatt Nasipit Hybrid Energy Storage System in Agusan del Norte has started, and is expected to boost grid stability by the second quarter ...



## Waste Mining Energy Storage Machines: The Future of Sustainable Mining

abandoned mine sites transformed into renewable energy powerhouses. That's the promise of waste mining energy storage machines. Our target audience? Mining executives sweating ...



## DOE FY 2020 Budget

Bids and Offer Submission Each Generation Company including Generation Companies with bilateral contracts shall submit a standing market offer for each of its scheduled generating ...



### Modular Liquid-Cooled Energy Storage Outdoor Cabinet Market

Who are the dominant manufacturers or innovators in the modular liquid-cooled energy storage cabinet sector? The modular liquid-cooled energy storage cabinet sector is ...



### Aboitiz Power Breaks Ground for 48-MW Nasipit Hybrid Energy Storage

Aboitiz Power Corporation, via its subsidiary Therma Marine Inc. (TMI), has initiated construction for the 48-megawatt Nasipit Hybrid Energy Storage System (BESS) in ...



### Energy Storage in Warm Mining: Powering the Future of ...

a mining operation where excess heat from drilling equipment gets converted into stored energy to power ventilation systems. No magic - just smart energy storage warm mining solutions. ...



## [AboitizPower inaugurates hybrid battery storage ...](#)

Commercially available since November 30, 2022, the hybrid BESS opens opportunities to support the influx of more variable ...



## [How Energy Storage is Transforming Mining Operations and ...](#)

The global energy storage market, worth \$33 billion annually [1], has become the mining industry's new gold rush. But why should rocks and electrons make such good business ...

## [AboitizPower breaks ground for hybrid energy storage in Agusan ...](#)

ABOITIZ POWER Corp. (AboitizPower), through its subsidiary Therma Marine, Inc. (TMI), has broken ground on a 48-megawatt (MW) hybrid energy storage system that will be ...



## [Hybrid Energy Storage System](#)

In subject area: Engineering Hybrid energy storage system (HESS) is defined as a system that combines the complementary characteristics of two or more energy storage systems (ESS) to ...



## [48MW Nasipit Hybrid Energy Storage System ...](#)

MANILA - Construction of the 48-megawatt Nasipit Hybrid Energy Storage System in Agusan del Norte has started, and is expected ...



## [Hybrid Battery Energy Storage Philippines](#)

Hybrid battery energy storage in the Philippines to cut costs, boost grid stability, and support renewable energy goals.

## [AboitizPower breaks ground on 48MW Nasipit hybrid energy ...](#)

The construction of a 48-megawatt (MW) hybrid battery energy storage system (BESS) in Nasipit has officially commenced, signaling another major step toward improving the ...



## [AboitizPower inaugurates hybrid battery storage system](#)

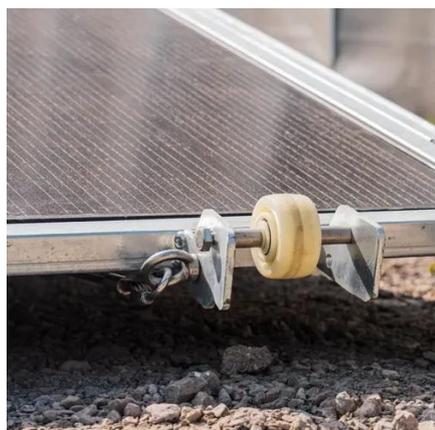
Commercially available since November 30, 2022, the hybrid BESS opens opportunities to support the influx of more variable renewable energy sources into the grid.





## [AboitizPower breaks ground for 48-MW Nasipit Hybrid Energy Storage](#)

AboitizPower pioneered its BESS model through the first-of-its-kind hybrid BESS installed in its TMI Mobile 1 oil-fired power plant in Maco, Davao de Oro, which began ...



## [Energy Storage System in the Philippine Electric Power Industry](#)

The passage of Republic Act No. 11234, entitled "Energy Virtual One-Stop Shop (EVOSS) Act" on 08 March 2019 paved the way for streamlining and expediting the permitting ...



## Contact Us

---

For inquiries, pricing, or partnerships:

<https://iceeng.co.za>

Phone: +27 11 568 9402

Email: [info@iceeng.co.za](mailto:info@iceeng.co.za)

Scan QR code for WhatsApp.

