

## NKOSITHANDILEB SOLAR

# Vietnam Ho Chi Minh solar container outdoor power BESS



## Overview

---

Why is Bess important in Vietnam's energy transition?

**Regulatory Landscape** The Vietnamese government has recognized the importance of BESS in the country's energy transition. The revised National Energy Policy includes new incentives for BESS installations, such as tax credits and subsidies, which are aimed at accelerating the adoption of energy storage solutions.

What is the largest electricity storage project in Vietnam?

The largest electricity storage project in Vietnam is the Bac Ai Pumped Storage Hydropower Project. Located in Ninh Thuan province, the project has a capacity of 1,200 MW and is expected to play a crucial role in stabilizing the grid when it completes in a few years.

What is Bess & how can it help Vietnam?

**Energy Management:** BESS can help manage the intermittency of renewable energy sources, ensuring a balanced and stable supply of electricity. Vietnam has 20.1 GW of solar and wind power, and congestion in the electricity transmission grid sometimes lead to waste of electricity.

What is the current state of Bess in Vietnam?

**The Current State of BESS in Vietnam** As of 2024, Vietnam has practically no BESS installed. So far, only private renewable power projects have trialed BESS development, there is nothing at the utility scale. The largest electricity storage project in Vietnam is the Bac Ai Pumped Storage Hydropower Project.

## Vietnam Ho Chi Minh solar container outdoor power BESS

---

**Regulatory Landscape** The Vietnamese government has recognized the importance of BESS in the country's energy transition. The revised National Energy Policy includes new incentives for BESS installations, such as tax credits and subsidies, which are aimed at accelerating the adoption of energy storage solutions.

The largest electricity storage project in Vietnam is the Bac Ai Pumped Storage Hydropower Project. Located in Ninh Thuan province, the project has a capacity of 1,200 MW and is expected to play a crucial role in stabilizing the grid when it completes in a few years.

**Energy Management:** BESS can help manage the intermittency of renewable energy sources, ensuring a balanced and stable supply of electricity. Vietnam has 20.1 GW of solar and wind power, and congestion in the electricity transmission grid sometimes lead to waste of electricity.

**The Current State of BESS in Vietnam** As of 2024, Vietnam has practically no BESS installed. So far, only private renewable power projects have trialed BESS development, there is nothing at the utility scale. The largest electricity storage project in Vietnam is the Bac Ai Pumped Storage Hydropower Project.

Solar power capacity targets have been raised to between 46,459 MW and 73,416 MW. BESS capacity will support this growing share of solar and wind power in Vietnam's energy mix, ...

The BESS system at the PECC2 Innovation Hub was the largest BESS system in Vietnam at the time it began operation in 2021, ...

The project's official inauguration event held in December. Image: VinGroup. A green energy subsidiary of Japanese conglomerate ...

Dec. 20, 2024 Marubeni Corporation Marubeni Corporation, through its wholly-owned subsidiary Marubeni Green Power Vietnam Co., Ltd, has commenced a battery energy ...

The project's official inauguration event held in December. Image: VinGroup. A green energy subsidiary of Japanese conglomerate Marubeni has brought online a megawatt ...

Vietnam is entering a period of rapid energy transition, with solar and wind power among the fastest-growing in Southeast Asia. However, the weather-dependent nature of ...

Introduction Vietnam's rapid growth in renewable energy, particularly solar and wind power, marks a significant step towards a greener future. However, to address the variable ...

The Vietnam PECC2 BESS System not only improves the efficiency and stability of renewable energy projects across the country but also reflects PECC2's strategic commitment to building ...

Dec. 20, 2024 Marubeni Corporation Marubeni Corporation, through its wholly-owned subsidiary Marubeni Green Power Vietnam Co., ...

The BESS system at the PECC2 Innovation Hub was the largest BESS system in Vietnam at the time it began operation in 2021, reflecting PECC2's pioneering vision and role ...

The revised Power Development Plan VIII (PDP VIII) sets an ambitious target for BESS capacity development, aiming for 10,000 MW to 16,300 MW by 2030 (accounting for ...

Vietnam sharpened its national energy storage roadmap this week as government leaders and industrial operators aligned on BESS deployment.

BE PART OF VIETNAM'S LEADING ENERGY EVENT Solar & Storage Live Vietnam is where real business gets done. We deliver big ideas, new technologies, and market-disrupting ...

BE PART OF VIETNAM'S LEADING ENERGY EVENT Solar & Storage Live Vietnam is where real business gets done. We deliver big ideas, new ...

## Contact Us

---

For catalog requests, pricing, or partnerships, please contact:

### **NKOSITHANDILEB SOLAR**

Phone: +27-11-934-5771

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

Website: <https://nkosithandileb.co.za>

*Scan QR code to visit our website:*

