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Vietnam Energy Storage Power





Overview

Can battery energy storage systems stabilize Vietnam's grid?

Sunita Dubey and Hyunjung Lee share how Vietnam is leveraging Battery Energy Storage Systems to stabilize their grid and accelerate the energy transition.

What is the energy sector in Vietnam?

Vietnam is a dynamic developing economy with a relatively high growth rate. The energy sector plays a key role in promoting the country's socio-economic development. Vietnam has a diverse energy fuel resource of various types such as coal, natural gas, petroleum, hydropower and renewables such as solar and wind energy.

How will Vietnam's power consumption impact its energy security?

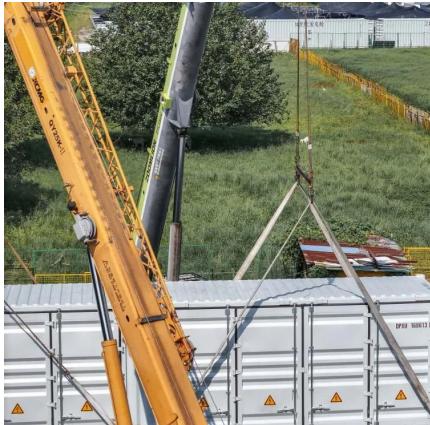
According to Institute of Energy of Vietnam (IEV), Vietnam is set to face a surge in power demand and consumption over the coming decade, which will have an impact on its energy security. The Government of Vietnam expects power consumption to grow 10-12 % annually through 2030, one of the fastest power consumption growth rates in Asia.

How much energy does Vietnam use?

The total production of all electric energy producing facilities is 294 bn kWh, which is 106 percent of the country's own usage. Despite this, Vietnam trades energy with foreign countries. Along with pure consumption, the production, imports and exports play an important role. Listen to this page:



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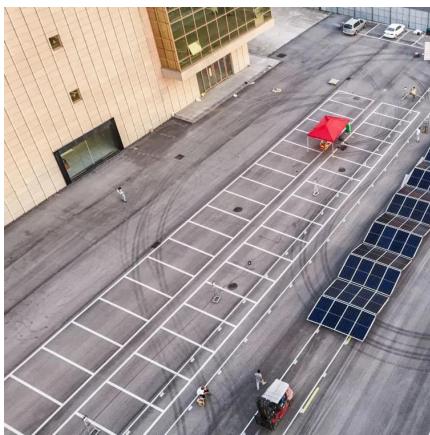


[Development of Battery Energy Storage Systems in Vietnam](#)

One of the key highlights of Vietnam's revised Power Development Plan VIII (PDP8) is the significant increase in the targets for Battery Energy Storage Systems (BESS).

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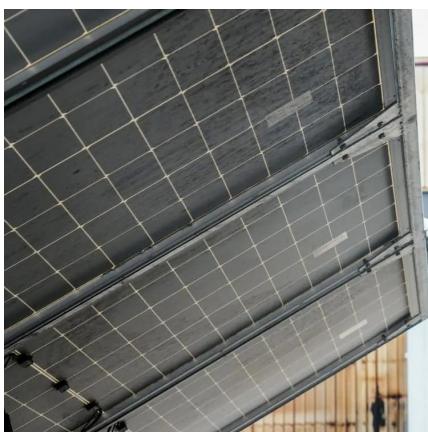
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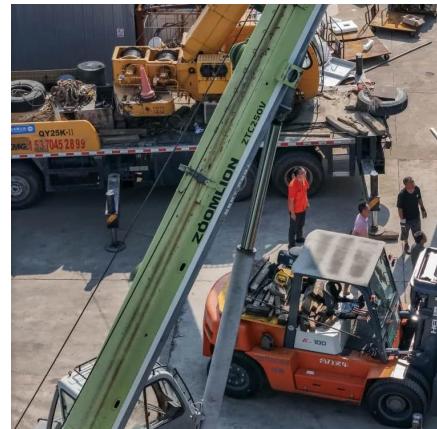
Vietnam strengthens energy storage pathway

Dec 4, 2025 · Vietnam sharpened its national energy storage roadmap this week as government leaders and industrial operators aligned on BESS deployment.



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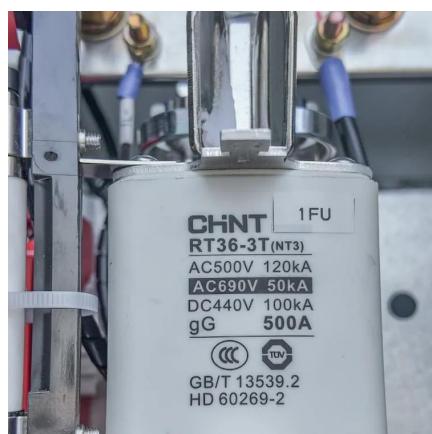


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