

Vietnam Power Signal Base Station 125kWh





Overview

What is the inertia of Vietnam's power system in 2022?

If all generating units in the system are considered, the total inertia of Vietnam's power system in 2022 is about 1.785s. By 2030, the proportion of renewable energy in Vietnam's power system is expected to increase to about 30%, the total inertia of the system will be reduced to 1.777s.

Which power transmission system in Vietnam has a low inertia?

In this study, Vietnam's power transmission system (500-220kV) will be simulated in peak/off-peak load conditions with the largest proportion of renewable energy sources (lowest system inertia).

Who manages the electricity market in Vietnam?

The Ministry of Industry and Transport is the government body in charge of managing Vietnam's electricity market and supply. It does this through the wholly state-owned power company Electricity Vietnam commonly known as EVN. EVN generates some power, but also buys power from wholesalers, and sells electricity to consumers.

What will Vietnam's power system look like in 2030?

By 2030, the proportion of renewable energy in Vietnam's power system is expected to increase to about 30%, the total inertia of the system will be reduced to 1.777s. The simulation is performed by using data from Vietnam's power transmission system (500 - 220 kV) in 2030 according to the PDP 8.



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