

A-Core Container

Vietnam communication base station inverter grid-connected equipment

**LPR Series 19'
Rack Mounted**



Overview

Why is ERAV proposing changes to the Vietnamese grid code?

To reflect the fact that this will cause substantial changes to the performance characteristics of the future Vietnamese power system, ERAV has proposed amendments to the Vietnamese Grid Code. These changes are considered necessary to ensure secure system operation of the future Vietnamese power system.

Who regulates electricity in Vietnam?

The Directorate General of Electricity and Renewable Energy (EREA), under the MOIT, is responsible for overall energy planning and policy. The Electricity Regulatory Authority of Vietnam (ERAV), which is responsible for establishing and supervising the power market, power planning, tariff regulation and licensing.

What is the voltage range defined by the Vietnamese requirements?

The voltage range defined by the Vietnamese requirements is equal to 0.2. This is lower than in most synchronous areas of the ENTSO-E but larger than the voltage range of the Nordic system. Consequently, the Vietnamese requirements would not fit into the inner envelope according to Figure 4 for any of the five synchronous areas of the ENTSO-E.

Why does Vietnam maintain a monopoly of electricity transmission grids?

The Vietnamese Government maintains its monopoly of electricity transmission grids to ensure the national energy security. Vietnam's existing energy infrastructure is inadequate with weak grid capacity, which obstructs the integration of new capacity, particularly from renewable energy projects.

Can a single phase inverter be used in a PV system?

Single phase installations are permitted for PV systems with a rated a.c. capacity of up to 5kVA. Up to 15kVA, PV installations can use single phase

inverters with ratings up to 5kVA, which must be connected in a balanced manner over the three phases.

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