

ContainerPower Energy Solutions

Vietnam s telecommunications base station power supply policy



Overview

How are electricity import prices determined in Vietnam?

Electricity import prices determined at Vietnam's border will be agreed upon by the electricity buyer and the electricity seller in accordance with the electricity import price bracket promulgated by the Minister of the MOIT, ensuring the principle of maximum savings in electricity purchase costs.

When does the new electricity law take effect in Vietnam?

VI. VII. On 30 November 2024, the National Assembly of Vietnam has officially adopted the new law on electricity ("New Electricity Law"). The New Electricity Law will take effect from 1 February 2025 and replace the current electricity law (together with consolidated prior amendments).

Does the new law impose tariffs on power import & export of Vietnam?

(m) On power import and export of Vietnam with other countries, the new law impose certain requirements on tariffs.

How to implement offshore wind power projects in Vietnam?

The implementation of offshore wind power projects must comply with the provisions of the Electricity Law and Vietnamese laws on maritime safety and safety of equipment and works, in accordance with treaties to which Vietnam is a contracting party. Exemption or reduction of land use levy or land rent.

What types of power systems are used in communications infrastructure equipment?

Communications infrastructure equipment employs a variety of power system components. Power factor corrected (PFC) AC/DC power supplies with load sharing and redundancy (N+1) at the front-end feed dense, high efficiency DC/DC modules and point-of-load converters on the back-end.

What is a preferred power supply architecture for DSL applications?

A preferred power supply architecture for DSL applications is illustrated in Fig. 2. A push-pull converter is used to convert the 48V input voltage to +/-12V and to provide electrical isolation. Synchronous buck converters powered off of the +12V rail generate various low-voltage outputs.

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