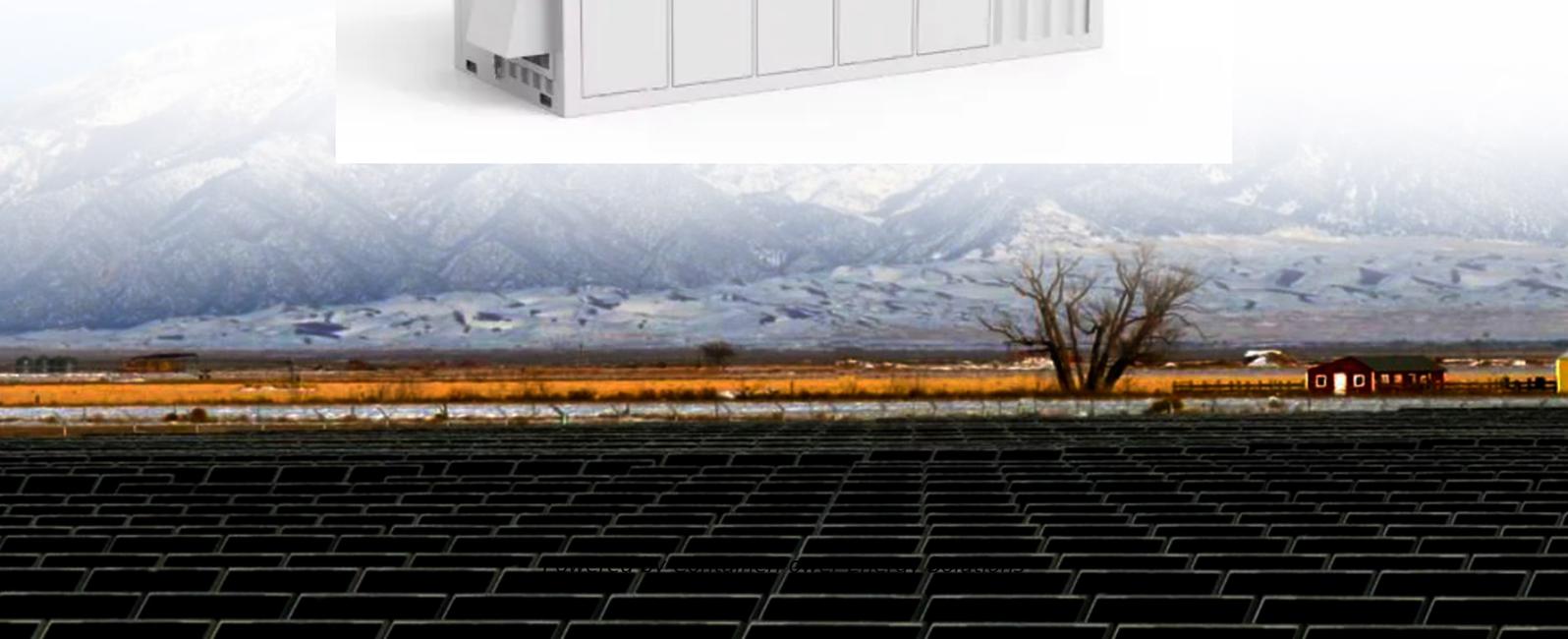


ContainerPower Energy Solutions

Fire protection requirements for energy storage power stations in Brazil



Overview

Is energy storage a solution to Brazil's growing renewables capacity?

ANEEL's announcement is timely and shows an interest in pushing energy storage to be considered as a solution to Brazil's growing renewables capacity and urgent need to fill the transmission infrastructure gap.

When will the energy storage initiative start in Brazil?

In April 2016, the Brazilian National Regulatory Authority (" ANEEL ") published the first draft of a three-year energy storage initiative in the context of its R&D programme for technological innovation in the power sector, which was launched in 2012. The initiative is expected to launch this year and project selection will be concluded in 2017.

What are the challenges for energy storage in Brazil?

Another challenge for energy storage in Brazil will be access to capital. Given the current unfavourable economic conditions, it is not clear how long it will take for energy storage to benefit from large-scale investments. 5.

What are the standards for ESS fire suppression systems?

Two commonly referenced standards for ESS fire suppression systems are FM Global Data Sheet (FM DS) 5-33 and NFPA 855. In the event of thermal runaway, it is essential to rapidly cool the affected module and its surroundings to prevent a chain reaction of battery fires.

Which NFPA standards address energy storage systems?

NFPA Standards that address Energy Storage Systems Research on Energy Storage Systems from the Research Foundation Reports: Lithium ion batteries hazard and use assessment Phase I (2011), Phase II (2013), Phase III (2016). Webinars REGISTER NOW!.

Can foreigners invest in battery storage businesses in Brazil?

Investment, incentives and taxation scenarios According to Brazilian law, there are no legal restrictions on direct foreign investment in the battery storage businesses or in the power sector (except in very specific segments or sectors of the economy).

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