

Energy storage solutions brasilia

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Brazil should prioritize generation projects based on renewable sources associated with energy storage systems, rather than thermoelectric plants, according to Markus Vlasits and Adalberto Moreira.

Vlasits is the president and Moreira the vice president of local energy storage solutions association ABSAE.

In this interview, they talk about the reasons for increasing investment in the area and the measures needed to enable the expansion of the battery market.

BNamericas: What is the scenario for energy storage?

Vlasits: Energy storage is growing very fast in the world. Last year alone, 23GWh were deployed. There are three anchor markets: China, the US and the EU/UK.

Brazil's still a very small market, with an installed base of around 250MWh. This has occurred above all in connection with rural electrification, in association with solar panels.

BNamericas: The government is analyzing allowing energy storage projects to participate in regulated auctions by watchdog Aneel.

Vlasits: Yes, in backup capacity auctions. We need to understand how storage can contribute to the growth of renewable sources in Brazil and what other relevant services it can provide for the electricity sector.

Moreira: For example, in some regions, energy distributors are not prepared to supply the energy consumed by electric cars at the end of the day, when they arrive at the condominium and plug in to recharge. It's a challenge to reinforce this grid, and storage can help.

Vlasits: And then there's the issue of decarbonizing the Amazon. There are more than 200 localities in the Amazon region that are not connected to the national grid that emit 10-12% of the electricity system's CO<sub>2</sub>. These localities account for 3.7TWh of consumption, mainly of diesel oil, as well as natural gas, which corresponds to less than 1% of the national load, which is around 500TWh of energy.

BNamericas: Are you referring to the Amazon decarbonization program?

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