

Brazil drain back solar system

Why are wind and solar energy producers rethinking investments in Brazil?

SAO PAULO (Reuters) - Wind and solar energy producers in Brazil have warned they are reconsidering future investments there after the national grid operator repeatedly capped how much energy they could deliver in the past year, which squeezed their profits.

Why is Brazil capping wind & solar power?

Brazil's grid operator is capping the amount of electricity wind and solar producers can supply to the national grid, seriously threatening future renewable energy investments in the country.

How does Brazil's energy policy affect the grid?

Brazil has made big strides encouraging companies to invest in wind, solar and other renewable power generation sources, offering generous financing and subsidies. But all the electricity they generate has taxed the grid.

Which energy sources are most important in Brazil?

The participation of 78.1% of renewable sources in the Brazilian energy matrix is divided into biomass, wind, hydraulic and solar, with a predominance of 56.8% of hydraulics; this condition places Brazil at a great strategic advantage for the development of solar energy sector, which represents only 2.5% of the domestic supply (EPE, 2022)..

How big are wind and solar parks in Brazil?

The researchers combined databases of geographic data with ownership and investment information, and digital land registries from 2000 through 2021. They found that wind parks take up a total of about 2,148 square kilometres and solar parks take up about 102 square kilometres in Brazil.

How many reais did the solar sector lose last year?

According to the Brazilian Wind Energy Association, last year, the sector lost 700 million reais (\$128 million) in rejected power due to curtailments, while the Brazilian Solar Association, Absolar, estimates that the solar sector lost 50 million reais in the four months through July.

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The privatisation of land for renewable energy infrastructure in Brazil is leading to the appropriation of once-public and common lands by large international corporations because of poor oversight and lack of transparency, finds a new study involving UCL researchers.

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6 · The federal government's indecision regarding the guidelines and date for the backup power auction is jeopardizing Brazil's power supply, undermining the ability to meet consumer demand during periods of high consumption or water scarcity.

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The rapid expansion of solar power plants in a semi-arid region of north-eastern Brazil is destroying the environment and impacting agriculture, according to locals. Rural communities across two states in the Sertão, a region which is home to a Unesco-recognised geopark, say they have had problems with developers.

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