

# Brazil Positive Energy





## Overview

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Will wind and solar light up Brazil's power?

The post Hope shines in Brazil as wind and solar light up over 34% of the nation's power appeared first on Cleantech Times. Brazil has achieved a remarkable milestone in August 2025. For the first time ever, wind and solar energy together generated more than one-third of the country's electricity.

Why is Brazil reshaping its energy mix?

Ember said the rapid growth of wind and solar helped Brazil avoid similar surges this year. Wind and solar power are also reshaping the country's energy mix. In 2024, they generated 24% of Brazil's electricity, more than double their share from five years earlier.

Are wind and solar power reshaping Brazil's energy mix?

Wind and solar power are also reshaping the country's energy mix. In 2024, they generated 24% of Brazil's electricity, more than double their share from five years earlier. Solar power grew from just over 1% of generation in 2019 to 9.6% in 2024, while wind climbed from 8.8% to 15% over the same period.

How much energy does Brazil produce?

Brazil generated 92.8% of its electricity from low or zero carbon sources during the first nine months of 2023. It produced more clean power by proportion of overall output among all G20 countries in 2022, with a share of 89.1%, according to global energy thinktank Ember.

Will Brazil lead the world towards 100% zero-carbon electricity by 2040?

Ember notes: 'Brazil is well-positioned to lead the way as the world moves towards 100% zero-carbon electricity by 2040.' In July 2023, it generated a record 27% of electricity from wind and solar – 10 TWh from wind and 4 TWh from solar. But hydro remains the main source of electricity, accounting for 73% in 2022.

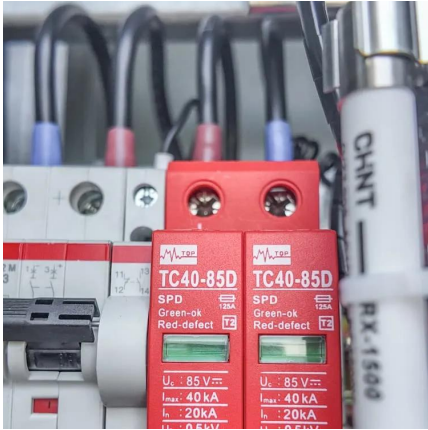


How does diversifying energy sources strengthen Brazil's energy system?

By 2024, they had fallen to 79 million tonnes. Brazil's experience shows how diversifying energy sources strengthens the system. With more clean power in the mix, the country has managed to grow its economy, meet rising electricity demand, and reduce its reliance on fossil fuels—all at the same time.



## Brazil Positive Energy



### Wind and solar generate over a third of Brazil's electricity for the

22 hours ago · Wind and solar produced more than a third of Brazil's electricity for the first month on record, reaching a share of 34% in August 2025. The combined output in August of 19.0 ...

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### [Brazil , Global Energy Alliance for People and Planet](#)

As the country advances its energy transition, there is growing focus on scaling renewable energy, promoting the productive use of clean technologies, and ensuring energy equity.

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### Brazilian Energy Transition: increase in solar and wind energy

Study highlights Brazil's energy transition with increasing adoption of wind and solar energy, minimizing the use of fossil fuels. The country stands out as a leader in clean ...

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### [Implementation of bioenergy in Brazil 2024 update](#)

Figure 2: Total energy supply<sup>4</sup> and the contribution of different energy sources in Brazil, with distribution in 2022 (data source: IEA (2024))





World Energy Balances and Renewables ...

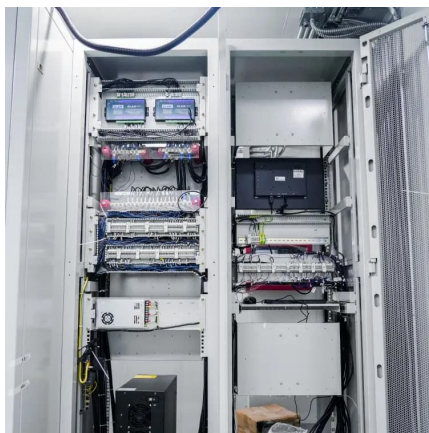
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[Solar energy policy to boost Brazilian power sector](#)

Purpose The purpose of this paper is to highlight the opportunity for the energy policy in Brazil to tackle the very high cost-effectiveness potential of solar energy to the power ...

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### **Socioeconomic impacts of large hydroelectric power plants in Brazil...**

In recent years, energy transition process has been directing the world's electrical systems in a search for the insertion of clean and renewable energy sources. In Brazil, ...

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### **Wind and sun provide one-third of Brazil's electricity for first time**

23 hours ago· Wind and solar power generated more than a third of Brazil's electricity in August. This marks the first time these renewable sources have crossed that threshold, according to ...

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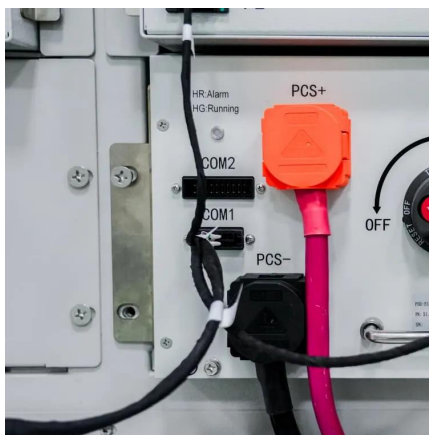




## Brazil's Clean Energy Sector Closes 2024 on a Positive Note

For those monitoring the market, it is unlikely that Donald Trump's return to the White House will immediately impact clean energy investments in Brazil. Experts believe the ...

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## Wind and solar power fuel over one-third of Brazil's electricity for

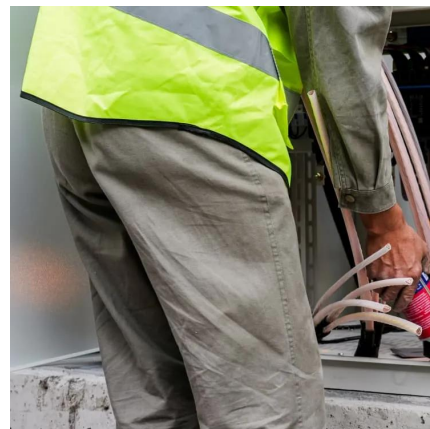
21 hours ago· Wind and solar power generated more than a third of Brazil's electricity in August, the first month on record the two renewable sources have crossed that threshold, according to ...

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## Hydropower expansion planning in Brazil

Abstract One of the earliest stages of the electric sector expansion planning in Brazil is the Hydropower Inventory Studies, when alternatives for the exploitation of the river basin ...

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## How Brazil beats many richer nations in renewables

Brazil looks set to be a world-leading trailblazer in adopting renewable energy. Andreia Nogueira looks at how abundant natural resources, imported know-how and technology, combined with ...

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### **Brazil breaks record and uses more renewable energy than fossil ...**

Amid the climate crisis and international pressure for sustainability, Brazil has reached an unprecedented milestone by reformulating its energy matrix, placing renewable ...

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### **Brazil gets one-third of its power from wind and solar for first time**

15 hours ago· The milestone highlights Brazil's shift from an almost entirely hydro-based power system to one built on three main pillars: hydro, solar, and wind.

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### **Hope shines in Brazil as wind and solar light up over 34% of the ...**

Brazil has achieved a remarkable milestone in August 2025. For the first time ever, wind and solar energy together generated more than one-third of the country's electricity. A record-breaking

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### **Solar Energy in Brazil Surpasses 3 Million Installations, Boosting**

Brazil recently reached the milestone of 3 million distributed solar generation systems installed, solidifying its position as a global leader in the adoption of photovoltaic solar ...

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