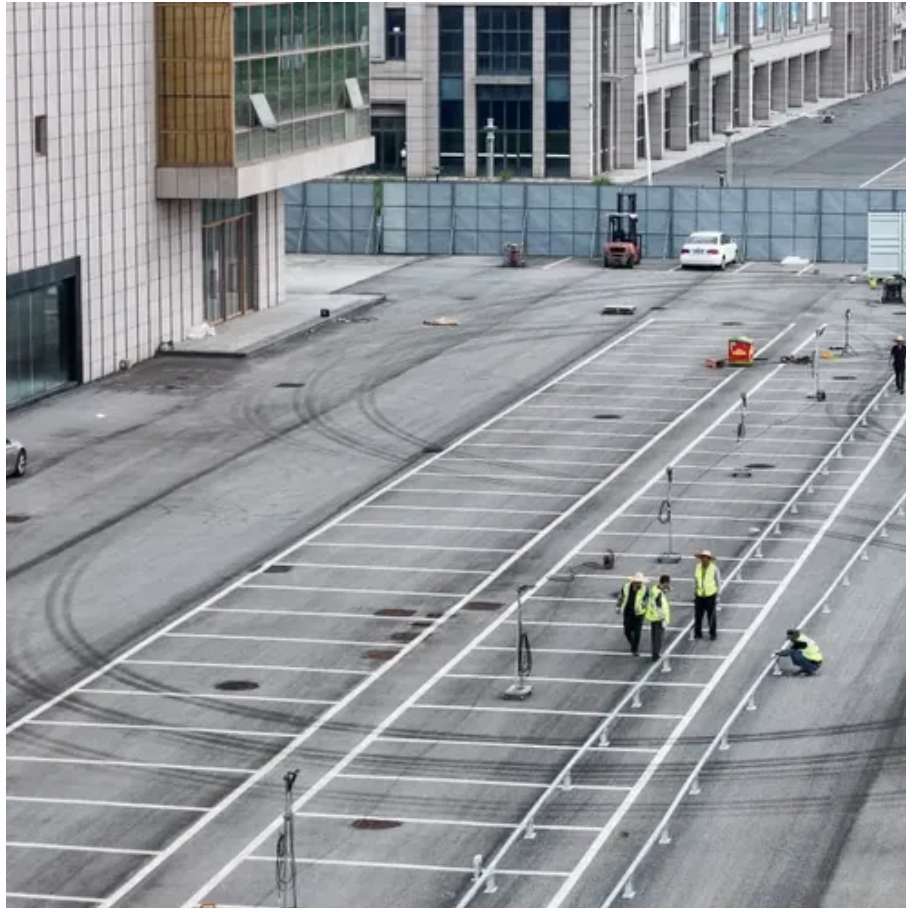




# Renewable energy growth brasilia





## Overview

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Brazil is one of the leading renewable energy producers worldwide. In 2024, the Latin American country ranked third in terms of installed renewable capacity, only after China and the United States. The country has introduced a comprehensive National Energy Transition Policy (PNTE) aimed at achieving net zero greenhouse gas (GHG) emissions by 2050. Brazil's National Electric Energy Agency (Aneel) reported a record-breaking expansion of the country's energy matrix in 2024. The South American nation added 10,853. This remarkable growth marks the largest annual. "Brazil's renewable energy matrix positions us uniquely to capture the economic opportunities embedded in the global transition to net-zero economies. Its share of wind and solar (24%) is above the global average (15%) - higher. Renewable energies have played a significant role in Brazil's energy matrix.



## Renewable energy growth brasilia



### [Renewables Lead Brazil's Largest Energy Matrix Expansion Since 1997](#)

The energy sector witnessed the inauguration of 301 new power plants across 16 Brazilian states. Renewable sources dominated the expansion, with solar and wind energy ...

### [Renewable Energy in Brazil Reaches 49.1% of Energy Matrix](#)

The data shows a robust growth in renewable energy, driven by strategic policies and investments aimed at fostering sustainable energy development. The report attributes this progress ...



### **Renewable energy in Brazil**

Brazil is one of the leading renewable energy producers worldwide. In 2024, the Latin American country ranked third in terms of installed renewable capacity, only after China and the ...

### [Executive summary - Brazil 2025 - Analysis](#)

Brazil has positioned itself as a leader in the global energy transition. Its vast renewable energy resources, strong biofuels sector and ambitious climate commitments offer distinct advantages in the ...



### [The decarbonization potential of Brazil through innovation](#)

Brazil already generates 90 percent of its electricity from renewable sources and maintains one of the cleanest energy matrices among major economies, with renewables accounting ...



### **Brazil**

Brazil's power sector emissions peaked in 2014, as growth in wind and solar have more than met rising demand. Fossil fuel generation in 2024 was almost 50% lower than a decade ago. In ...



### **Brazil**

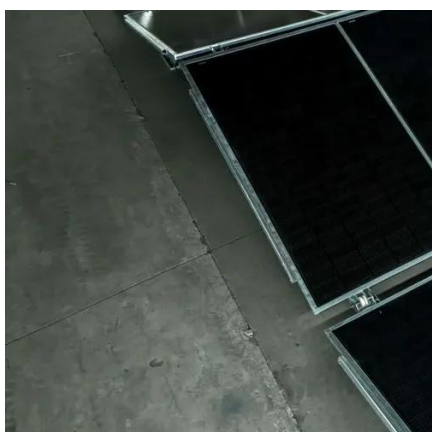
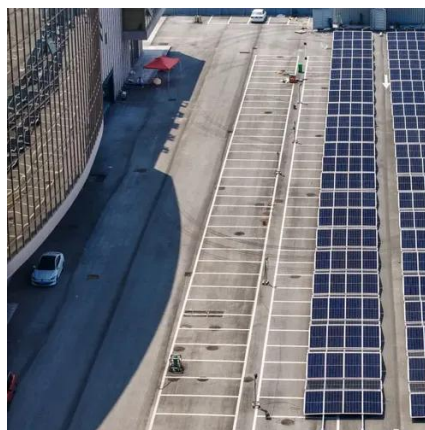
The renewable energy sector accounts for 87% of the Brazilian electricity matrix, while the global average is close to 30%. The renewable energy industry has continuously expanded over ...



### [Renewable Energy plays a Significant Role in Brazil's Energy Mix](#)



In recent years, there has been significant growth in the installed capacity of renewable energy in Brazil. This is due to incentive policies, energy auctions, and technological advances.



### [Distributed solar generating capacity is the fastest-growing power](#)

As of June 30, 2025, total solar electric generating capacity in Brazil was 23% of the total electric generating capacity. Home and building owners installed more than 3.7 million renewable ...

### [Brazil Renewable Energy Market to Reach 321.31 GW by 2030, ...](#)

Brazil's renewable energy market is on an upward trajectory, with substantial growth expected in wind and solar capacities. Government initiatives, supportive policies, and investments ...





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