



# Clean solar power in Brazil

Following a wind and solar power boom over the past decade, Brazil's green energy build-out has hit an obstacle as the network of cables that transport electricity fails to keep pace.

Solar energy has great potential in Brazil, with the country having one of the highest levels of insolation in the world at 4.25 to 6.5 sun hours/day. [4] As of 2019, Brazil generated nearly 45% of its energy, or ...

Brazil is leading one of the largest energy transitions in the world. In just the first quarter of 2025, the country added 1.742 gigawatts (GW) to its installed electricity generation capacity, with a ...

These records highlight the growing importance of solar energy in Brazil's energy landscape and its potential to soon become a major force in the country's energy transition.

The push for new solar and wind projects indicates a strategic diversification from the historically heavy reliance on hydropower, complementing Brazil's admirable pursuit of low-carbon electricity. This ...

In a landmark achievement for clean energy, Brazil's solar and wind power generation soared to a record high in August 2025, contributing an impressive 34% of the country's total ...

Solar energy in Brazil surpassed the 55 GW milestone in March 2025, more than doubling its photovoltaic (PV) count in the last few years. That breakneck expansion is reshaping Brazil's energy ...

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.

Brazil's Ministry of Mines and Energy confirmed the nation's electricity grid now draws 85% of its capacity from renewable sources, fueled by a record 10.9 gigawatts (GW) of new solar and ...



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