

Brazil cancels small-scale solar power generation

Is Brazil embracing solar energy?

Brazil isn't just embracing solar energy--it's revolutionizing its potential in the global energy sector. As we count down to the Solar World Congress 2025 in Fortaleza, let's dive into Brazil's solar energy history. Fifteen years ago, no one could have imagined that Brazil would become one of the world's largest powers in photovoltaic solar energy.

Are solar power cuts a problem in Brazil?

While widely recognized, the problem is worsening as the share of renewable sources in the Brazilian electricity grid grows. Figures from the National System Operator (ONS) show solar generation cuts in 2025 were proportionally higher than the same months in 2024.

Is renewable generation curtailment a problem in Brazil?

Renewable generation curtailment is perhaps the biggest challenge the Brazilian renewable energy sector has ever faced, according to Rodrigo Sauaia, president of the Brazilian Photovoltaic Solar Energy Association (Absolar). While widely recognized, the problem is worsening as the share of renewable sources in the Brazilian electricity grid grows.

Does Brazil have a potential for photovoltaic energy?

During the era of isolated systems, some companies began to recognize Brazil's potential for photovoltaic generation. But it wasn't only the private sector that became interested in this source--the public sector also began seriously considering the possibility of expanding the electricity matrix with photovoltaic solar energy.

Find out how cuts in wind and solar power generation in Brazil impact electricity bills and electrical infrastructure. Understand the causes, consequences and solutions to avoid losses in the ...

Brazil Curtailed 20% of Solar and Wind Power in 2025, Costing \$1.23 Billion Brazil curtailed about one-fifth of its solar and wind generation in 2025, wasting an estimated BRL 6.5 billion (\$1.23 ...

However, realising a 100 GW solar system before 2030 will hinge on continued transmission buildouts and rapid local manufacturing scale-up. Clear those hurdles, and Brazil's solar ...

Brazil curtailed about one-fifth of its solar and wind generation in 2025, wasting an estimated BRL 6.5 billion (\$1.23 billion), as grid constraints and demand mismatches pushed the ...

Renewables curtailment in Brazil in the first half of 2025 is straining investment and highlighting grid and transmission limits, with analysts calling for clearer pricing and storage solutions.

Fitch Ratings-Rio de Janeiro/New York-24 February 2025: Curtailment of renewable energy projects in Brazil is expected to continue pressuring project cash flows until transmission capacity is ...

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From pv magazine Brazil Brazil failed to use roughly 20% of the solar and wind electricity it generated in 2025, resulting in an estimated loss of BRL 6.5 billion, according to Volt Robotics" ...

Discover how Brazil's PL 624 and PL 671 bills are reshaping the country's booming solar energy market in 2025--balancing rapid growth with fair grid access and smarter regulations.

Brazil is expected to add 13.2 GW of solar capacity in 2025, but the market is showing early signs of slowing as new large-scale projects face delays and distributed generation encounters ...

Authors: Dr. Aline Kirsten Vidal de Oliveira, Dr. Marcelo Almeida, Marília Braga Brazil isn't just embracing solar energy--it's revolutionizing its potential in the global energy sector. As we ...

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