



# Brazil Operational Renewables

EICAssetMap Report

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## Executive summary

Over the last five years, Brazil has commissioned slightly under 19GW of renewable energy in Hydropower, Onshore Wind, Solar and Biomass/EFW collectively. This new additional capacity commissioned to the grid, 10.4GW of which came specifically from Onshore Wind, has taken Brazil's global capacity to 174.6GW (including renewable, thermal and nuclear plants). If you exclude the figures for hydropower installations, Brazil's predominant energy source with over 105GW installed, 40.3GW remain from other renewable sectors added together. Charts below illustrate the amount of new capacity each power generation sector contributed with



between 2017 and 2021 (Figure 1) and show the percentages that each of them held for capacity added in 2021 alone (Figure 2).

Brazil is the second largest producer of Hydropower globally, presently producing 105GW. In the last 10 years, 111 hydro power plants have been commissioned, producing 26GW. According to EICDataStream figures, this sustained growth is not likely to continue, as the country is currently looking to rely less on Hydropower by supporting energy diversification initiatives, especially with the ever-growing participation of Onshore Wind and Solar PV facilities. According to EICAssetMap data, Onshore Wind and solar have collectively more than doubled their contribution to Brazil's power generation mix since January 2017 (from 6.8% to nearly 15%).

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