

# Batteries for storing solar electricity Brazil

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Solar energy storage in Brazil is expected to attract BRL 45 billion (\$7.8 billion) in investment by 2030, according to a study by Brazilian developer NewCharge Energy. Of that total, BRL 14 billion would be allocated to off-grid applications, BRL 16 billion to utility-scale systems, and BRL 15 billion to commercial and industrial (C& I ...

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Aurora has estimated battery energy storage systems (BESS) now cost 10% less to provide reserve capacity for Brazil's grid than new combined cycle gas turbine (CCGT) power plants. With that difference applying to projects constructed to reinforce Brazil's grid from 2030 onwards, Aurora said BESS could be 29% cheaper if their components were ...

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ISO CTEEP claimed it as the first large-scale battery energy storage system (BESS) on Brazil's transmission grid. The project required a total US\$27 million investment. The transmission operator is permitted by regulations to earn up to US\$5 million revenues from the asset each year.



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BYD (002594.SZ) is Brazil's largest battery supplier and has two factories in Brazil, producing lithium-ion batteries and solar modules respectively. BYD will start producing new N-type TOPCON photovoltaic modules in Brazil in December 2022, with a power capacity of 575W.

The conditions are in place for the country's battery energy storage market to expand at a compound annual growth rate (CAGR) of 20% to 30%, as Holu Solar's Sophia Costa explained.



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