

# Expected ROI of on grid solar storage project in Brazil 2030

How is China accelerating rooftop solar deployment?

China's National Energy Administration (NEA) has accelerated rooftop solar deployment through bulk purchasing schemes in 676 counties, where state-owned developers are issued the remit to build solar and share revenue or savings with the rooftop owners.

Why are India's solar tender volumes increasing?

The increase in tender volumes is intended to help India realize its ambition of having 500GW of cumulative installed capacity from non-fossil-fuel sources by 2030, which given the government counts solar capacity in MW(AC), which is 20-30% lower than MW(DC), would be roughly a tripling (Appendix A.4).

How can grid investment align with a net-zero pathway?

BloombergNEF estimates that to align with a net-zero pathway, grid investment needs to match renewables investment dollar for dollar (see Europe Needs Clean Power and Grid Balance (paywall: web |terminal)). That means that for each dollar spent on clean power deployment, a further dollar must be spent on the transmission and distribution grids.

The battery storage market in France is expanding rapidly, but with deployment dominated by the development of large batteries, markets are at a higher risk of saturation. Effectively hedging against downside scenarios, such as saturation ...

To meet national climate targets, grid investment needs to nearly double by 2030 to over USD 600 billion per year after over a decade of stagnation at the global level, with emphasis on digitalising and modernising distribution grids.

Our forecast shows that China is expected to reach its national 2030 target for wind and solar PV installations this year, six years ahead of schedule. China's role is critical in reaching the global goal of tripling renewables because the ...



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