

## Solar container profits increased by more than 700

How will rising commodity prices affect solar energy production?

Rising commodity prices have increased the cost of producing solar PV modules, wind turbines and biofuels worldwide. This situation has short-term implications for equipment manufacturers, project developers and policy makers.

How will higher commodity and logistics costs affect solar PV and wind?

When compared with previous cost reduction trends, higher commodity and logistics costs could lead to investment costs increasing by USD 70 billion for solar PV and USD 35 billion for onshore wind over the forecast period, affecting the pace of deployment.

How much does initial capital cost affect a solar PV investment?

Upfront capital and associated financing costs are 70-80% of the levelised cost of electricity generation for wind and 80-90% for solar PV. Thus, any increase in initial CAPEX greatly affects the profitability of the investment.

What are the short-term effects of higher solar PV and wind equipment prices?

This situation has short-term implications for equipment manufacturers, project developers and policy makers. Higher prices for solar PV and wind equipment have reversed the cost reduction trend that the industry has seen for more than a decade and may delay the financing of some projects already in the pipeline.

Are upward price trends affecting solar PV & wind power plants?

Upward price trends for the equipment needed to build solar PV and wind power plants pose a challenge to developers who won bids in competitive auctions anticipating continuous declines in the cost of modules and turbines.

Will a commodity price shock affect wind & solar PV?

The IEA estimates that around 100 GW of awarded but yet-to-be commissioned wind and solar PV capacity from 2019 and 2021 are at risk of the commodity price shock, potentially leading to commissioning delays.

They have increased by between 70% and 150% from the 2019 average, and more than prices for crude oil in most cases, increasing the spread between biofuel and fossil fuel costs.

In 2022, profits are likely to be even better as freight rates remained very high at the start of the year (around USD9,500/forty-foot box ...

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