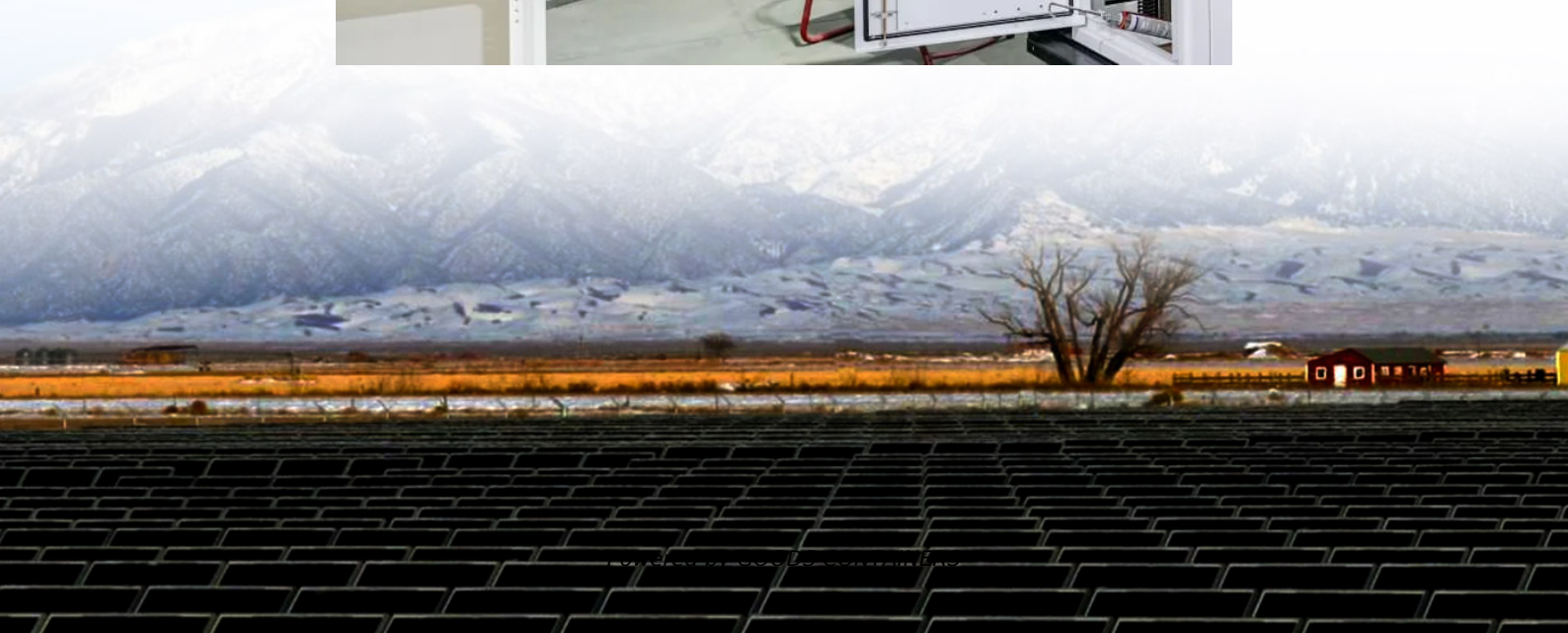


# **Solar projects increase the solar container cost**





## Overview

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The analysis reveals that three converging factors – polysilicon consolidation, supply-side production cuts, and the cancellation of China's 13% VAT export rebate – will drive solar module prices up by approximately 9% in Q4 2025, with further increases expected through 2026. Why is exporting solar power so difficult?

That makes exports to the US complicated under the Uyghur Forced Labour Prevention Act, which bars entry for any goods made with materials sourced from the region. Selling to India and Europe, two of the world's largest and fastest-growing markets for solar power, is also becoming harder.

Why are Chinese solar panels so difficult to export?

In part, that reflects the fact that, amid a production glut, exporting Chinese-made panels has become more difficult. Xinjiang accounts for about 40 per cent of global manufacturing capacity of polysilicon, the material that is needed to make solar wafers and cells.

Should solar panels be halved?

Halving panel prices over the past two years have led to rising solar adoption. Generation from solar mean emissions equivalent to about 1.6bn tonnes of CO<sub>2</sub> were avoided last year, roughly on a par with US power sector emissions, according to Ember. But there is nonetheless a less obvious cost.

Do Chinese solar panels benefit from state subsidies?

Investigations into Chinese makers of solar panels suspected of benefiting from state subsidies have added uncertainty and further tariff risk, discouraging buyers from committing to new purchases. Shares of local solar groups have fallen this year as module prices drop.



## Solar projects increase the solar container cost

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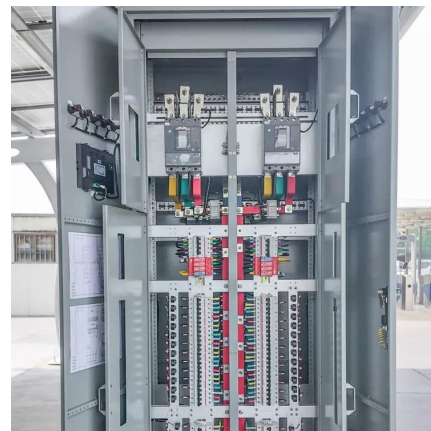
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