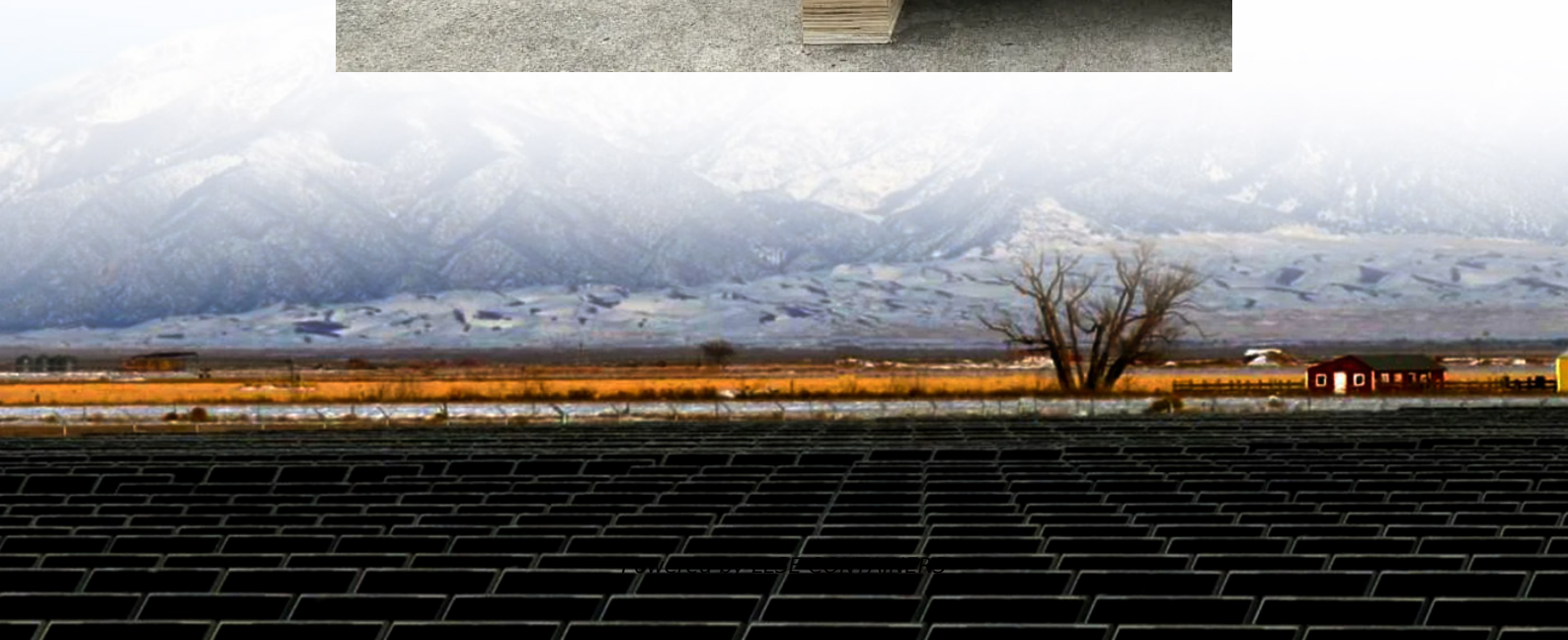


# Price of solar panels installed at sea





## Overview

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Can solar panels be installed on islands?

Rooftop space for solar installations often cannot meet the energy demands of islands and additionally, land is too scarce and/or too precious for ground-mounted installations. Space at sea is abundant and offshore floating solar platforms like SolarSea allow near limitless renewable energy expansion at sea.

Can China install solar panels offshore?

Future outlooks As a global leader in offshore solar PV market, China is also increasingly seeking to install solar panels offshore, with some state-owned enterprises conducting trials up to 30 km from the coast.

Could offshore solar panels be more expensive?

Questions remain about the ultimate scale of the offshore solar market. Developing panels at sea could be around 40% more expensive thanks to more complex installations and costly subsea cables, according to BloombergNEF estimates.

How much Sea area can be used for offshore solar PV farms?

In this study, we assumed that 1/100 of the sea area, featuring water depths less than 60 m and distance to coastline <60 km, could be utilized for offshore solar PV farms based on project experience.



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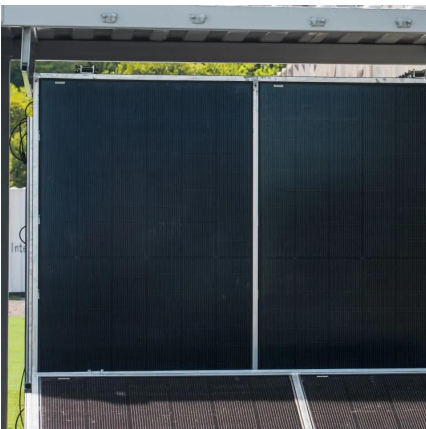
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