

## SolarTech Power Solutions

# West Asia Solar Power Generation for Home Use



## Overview

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Will solar power grow in Asian countries in 2022?

This study explores the growth of solar power in seven key Asian countries, the potential for future growth and the avoided fossil fuel costs due to solar electricity generation between January and June 2022. The report was jointly developed by Ember, CREA and IEEFA.

Does Asia need solar power?

Asia's growing energy demand has often been framed through the lens of its coal, gas or nuclear dependence, but solar power is growing rapidly across the region. Over the last decade China, India, South Korea, Viet Nam and Japan have significantly increased the share of solar power in their respective energy mixes.

Will Asia be able to lead the green energy transition?

With China's global leadership in clean power deployment and technological innovation and Vietnam's solar market experience, Asia has the blueprint to champion the green energy transition. Will the region grab the opportunity?

China aside, Asia's solar market remains widely untapped.

Why is Asia's energy transition so important?

The reliance on fossil fuels has made it accountable for around half of the global emissions. At the same time, led by China, the region is the leading global hub of clean energy innovation and has the biggest installed solar power capacity. As a result, Asia's energy transition progress isn't just a regional priority but a global imperative.

Is Vietnam ready for a solar-powered future?

Vietnam, with its exponential solar power deployment in 2020, adds another chapter to the blueprint that other Asian countries can follow in their energy

transitions. With that said, Asia's path toward a solar-powered future is clear. Now countries should follow it.

Is Asia's solar market a missed opportunity?

China aside, Asia's solar market remains widely untapped. This is a huge missed opportunity, considering that the region faces unique circumstances. On the one hand, it is home to around 60% of the world's population and will see massive energy demand growth in the upcoming years.

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