

# High Performance Solar Onsite Energy Prices





## Overview

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How much does a solar field cost?

In 2010, the solar field for a PTC plant cost an estimated \$4503 per kW, accounting for 44 % of total installed costs . By 2020, advances in trough technology had slashed solar field costs by 68 % to just \$1440 per kW, reducing its share of total installed costs to 30 % .

What is a solar capture rate?

The capture rate compares wind and solar capture prices to the overall wholesale spot market average price. Platts renewable capture price indices track weighted average prices that renewable energy generators receive for the electricity they produce across a daily period, based on hourly generation and pricing data.

How much will solar energy cost in 2024?

Despite concerns over sluggish solar project development, investments in clean energy technologies are projected to reach \$2 trillion by the end of 2024, with over \$500 billion allocated to solar power. Solar energy has become increasingly competitive, with prices dropping nearly 50% by 2023, undercutting the costs of traditional fuels.

How much does solar energy cost in India?

With module imports subjected to basic custom duty, the tariff would be 2.95 INR/kWh and if a developer can procure domestic modules, the tariff would be 2.26 INR/kWh. Hence, the price trend for solar energy tipped towards the higher side of the scale during the said period. Procurement Resource provides latest prices of Solar Energy.



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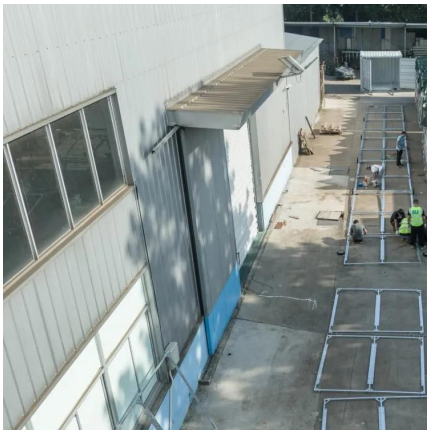
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