

# Venture capital project photovoltaic power generation



## Overview

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Global VC and private equity funding in the solar sector in 2025 came to \$3.5 billion in 75 deals, 22% lower than the \$4. Total corporate funding for solar energy projects hit a 10-year high in 2023, according to Mercom Capital Group's annual report focused on the solar power sector. Mercom, an integrated communications, research, and media firm focused on global clean energy markets, said groups raised \$34. Growth We invest in all industries. 1tn in 2024, it is clear that private capital is flowing into renewable energy at. The opportunities to capitalize on are abundant—residential solar installations, commercial and industrial solar solutions, utility-scale solar farms, off-grid solar projects, etc. But. In a dog-eat-dog market, standing out is akin to. If you're building a solar, wind, or battery storage company, you need investors who actually understand renewable energy—not just VCs who checked "climate tech" off a list because it's trendy. To learn more about Mercom's 2025 Annual.

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### [Venture capital and private equity: Catalysing the solar sector](#)

Even with its success through the early 21st century, the development of solar energy has a long way to go. Venture capital (VC) and Private Equity (PE) play a critical role in capturing further ...



### [Venture capital project photovoltaic power generation](#)

In this paper, photovoltaic power generation projects are used as samples to study the impacts of uncertain factors on the decision making about investments in



### [Corporate Funding for Solar Power Projects Hits 10 ...](#)

The VC funding was the second-highest amount invested in solar power in the past decade, trailing only the \$7 billion raised in 2022.



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Innovations in green bonds, corporate PPAs and hybrid generation and storage projects have potential to reshape the financial and physical infrastructure of the energy system. Energy ...

### [Solar Companies Raise \\$22.2 Billion in Corporate Funding in 2025](#)

Corporate and project M& A were bright spots in 2025, reflecting sustained demand for solar assets driven by rising energy demand," said Raj Prabhu, CEO of Mercom Capital Group. ...



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