



# Real estate people are going to photovoltaic and energy storage



## Overview

As real estate accounts for nearly 40% of global energy consumption (International Energy Agency, 2021), developers, investors, and homebuyers are increasingly prioritizing locations that support clean energy solutions like solar, wind, and geothermal power. Solar plus storage enhances energy reliability, cuts costs, and adds value to real estate projects of all sizes. Investments in clean technologies have been increasing steadily. President Biden's 2022 Inflation Reduction Act has accelerated the trend by creating financial incentives for installing. As power availability moves from a background assumption to a primary driver of asset feasibility, value and operational resilience, four structural themes are reshaping how electricity flows from generation to consumption—expanding the role of real estate in the energy value chain. As energy costs rise and Asia Pacific economies move towards decarbonisation, more and more asset owners are starting to generate their. Over the last decade, real estate leaders have started to wrap the industry's arms around what climate change—and the energy transition associated with it—means for the industry.



## Article Content

Powering the Future: Next-Gen Renewable Energy Storage in Real ...

A pilot project to construct hydrogen-absorbing alloy tanks that convert and store extra energy from solar panels was funded in 2023 by one of the biggest real estate companies in Japan.

Powering Real Estate: How Renewable Energy is ...

As real estate accounts for nearly 40% of global energy consumption (International Energy Agency, 2021), developers, investors, and ...

Why Real Estate Professionals Are Switching to Energy Storage ...

The transition from square footage to storage capacity isn't without challenges. But for professionals willing to retool their expertise, the energy storage frontier offers something increasingly rare in real ...

A Perspective on the Energy Transition and ...

Another compelling example of real estate leveraging its assets to accelerate the energy transition comes from EIP partner Public Storage. Public ...

How Solar Energy is Reshaping Commercial Real Estate in 2025

Several commercial real estate owners have successfully adopted solar energy, realizing financial and sustainability benefits. For example: A major retail shopping center installed a rooftop solar system, ...

Where energy meets property

Digitalization and decentralization: Software-enabled energy management, battery storage and on-site generation are emerging as practical system responses—allowing buildings to manage ...

Why Solar-Plus-Storage Is a Smart Investment for Real ...

Solar plus storage enhances energy reliability, cuts costs, and adds value to real estate projects of all sizes. Investments in clean technologies have ...

Enabling Resilient Real Estate Through Microgrids and Distributed ...

A microgrid is a localized power system comprising distributed energy resources such as solar arrays and energy storage batteries. Microgrids can be configured to draw power from renewable energy ...

Powering up Real Estate with Renewable Electricity

Some landlords plan to use battery storage to even out intermittency in solar power supply and keep more power onsite. Asia Pacific's largest real estate manager, ...

## Photovoltaics for the real estate industry

Choose the energy solutions that interest you: whether it's a PV system, battery storage, e-charging infrastructure, or green power supply and PPAs. With just a few clicks, you can send your request to ...

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