

Photovoltaic energy storage valuations fall



Overview

A small number of high-value, one-off energy storage deals in 2024 caused the total value of energy storage M&A activity to fall 71% in 2025, but storage saw the total number of project acquisitions jump from 38 transactions in 2024 to 65 in 2025.



Article Content

Photovoltaics

Photovoltaics (PV) is the conversion of light into electricity using semiconducting materials that exhibit the photovoltaic effect, a phenomenon studied in physics, photochemistry, and electrochemistry. The

How Do Solar Cells Work? Photovoltaic Cells Explained

The conversion of sunlight, made up of particles called photons, into electrical energy by a solar cell is called the "photovoltaic effect" - hence why we refer to solar cells as "photovoltaic", or PV

What Are Photovoltaics? (2026) | ConsumerAffairs®

Photovoltaic technology lets you generate electricity from a renewable source: the sun. Unlike traditional methods of electricity generation, which often rely on fossil fuels, photovoltaics...

Photovoltaics | Department of Energy

Photovoltaic (PV) technologies - more commonly known as solar panels - generate power using devices that absorb energy from sunlight and convert it into electrical energy through semiconducting

Evaluating energy storage tech revenue potential

The revenue potential of energy storage is often undervalued. Investors could adjust their evaluation approach to get a true

Declining Solar, Storage Valuations Drive Increased M& A: Mercom

A small number of high-value, one-off energy storage deals in 2024 caused the total value of energy storage M& A activity to fall 71% in 2025, but storage saw the total number of project

Photovoltaics (PV)

Photovoltaic systems work by utilizing solar cells to convert sunlight into electricity. These solar cells are made up of semiconductor materials, such as silicon, that absorb photons from

Quarterly Solar Industry Update

The International Renewable Energy Agency (IRENA) reports that, between 2010 and 2023, the global weighted average levelized cost of energy of concentrating solar power (CSP) fell

Solar PV Energy Factsheet

Solar energy can be harnessed two primary ways: photovoltaics (PVs) are semiconductors that generate electricity directly from sunlight, while solar thermal technologies use sunlight to heat water for

Solar Market Insight Report Q4 2025 - SEIA

As new development opportunities for traditional community solar continue to decline, community solar developers report increased interest in exploring community-scale solar and storage

Photovoltaic Research | NLR

Our cutting-edge research focuses on boosting solar cell conversion efficiencies; lowering the cost of solar cells, modules, and systems; and improving the reliability of PV components and

Solar and storage financing is down, but dealmaking is up

Although total funding declined, project acquisitions and merger activity picked up, likely driven by decreased valuations, according to Raj

Sol-Up Solar | Premier Las Vegas Solar Provider

While most solar companies sell low priced solar modules (photovoltaic cells and modules), Sol- Up is committed to providing the latest solar panel technology, known as

A review of solar photovoltaic technologies: developments, challenges ...

Solar photovoltaic (PV) technology has emerged as a key renewable energy solution, yet its widespread adoption faces several technical and economic challenges.

Fall 2025 Solar Industry Update

The United States installed approximately 21.7 GWh (7.7 GW ac) of energy storage onto the electric grid in H1 2025. EIA projects that U.S. PV's annual growth in 2025 will fall 13%, y/y, to 32 GWac before

Photovoltaics and electricity

A photovoltaic (PV) cell, commonly called a solar cell, is a nonmechanical device that converts sunlight directly into electricity. Some PV cells can convert artificial light into electricity. Sunlight is composed

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