

Wind solar container mid-year report results increased significantly





Overview

Crux's 2025 Mid-Year State of Clean Energy Finance report finds transferable tax credits nearly doubled year-over-year, with the total tax credit market reaching toward \$60 billion for the full year. Solar and storage dominate activity, while manufacturers are beginning to spread their wings. The world's wind power sector recorded strong growth in the first half of 2025, with global installations rising by 64% compared to the same period of 2024. A total of 72,2 gigawatts (GW) of new capacity were added between January and June 2025, following 44,1 GW installed in the first half of 2024. China's installed capacity of solar PV surpassed 1 TW of alternating current (AC) power capacity in May 2025, with over 92 GW additions only that month, and the aggregate of wind and solar PV capacity now exceeds thermal capacity in the country. The strong growth in solar PV installations in H1. Renewable power capacity increased by 585 GW (+15.1%) in 2024. Over three-quarters of the capacity expansion was due to solar energy which witnessed an increase of 452 GW (+32.2%); this was followed by wind energy with additions of 113 GW (+11.1%). Renewable hydropower capacity increased by 15.0 GW. Crux's 2025 Mid-Year State of Clean Energy Finance report finds transferable tax credits nearly doubled year-over-year, with the total tax credit market reaching toward \$60 billion for the full year. Solar and storage dominate activity, while manufacturers are beginning to spread their wings. Crux. The global solar container market is expected to grow from USD 0.29 billion in 2025 to USD 0.83 billion by 2030, at a CAGR of 23.8% during the forecast period. Growth is driven by the rising adoption of off-grid and hybrid power solutions, especially in remote, disaster-prone, and developing. Prospective utility-scale solar and wind capacity — projects that have been announced or are in the pre-construction and construction phases — grew by over 20% globally in 2024 from 3.6 terawatts (TW) to 4.4 TW, only half of what is needed for global tripling renewable goals. Outside of China and.



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Renewable Capacity Highlights 2025

The share of renewables in total capacity expansion has increased significantly in 2024 and reached 92.5%, compared to 85.8% in 2023. The renewable share of total installed power capacity also rose ...

2026 Renewable Energy Industry Outlook , Deloitte ...

Mid-2026 starts: Projects beginning construction by July 4, 2026, or in service by 2027, may still qualify but face uncertainty around FEOC compliance. Beyond ...



Offshore Wind Market Report: 2024 Edition

This report was peer-reviewed by a diverse group of offshore wind energy industry stakeholders, including developers, wind turbine manufacturers, state government representatives, consultants, ...

Global Market Outlook For Solar Power 2023

What changed for solar power in 2022 - and why we consider the year an inflection point - is the technology's newly discovered image by a growing number of policymakers. Solar power



now enjoys ...



Annual Report 2023 IEA Wind

Increases in electricity production from wind energy created new records due to added capacity and a good wind year in many regions. Additionally, the share of wind in the electricity mix surged in some ...

Global Statistics

With a year-on-year increase in installed capacity of 19%, Brazil again had the highest growth of the top ten wind markets. In terms of total capacity, the country moved from the 7th to 5th ...



Solar Market Insight Report Q4 2025 - SEIA

Consequently, the results of this investigation could dramatically change the US solar supply chain. Lastly, the antidumping and countervailing (AD/CVD) investigations regarding imported ...



Solar Container Market Size, Market Assessment & Forecast 2033

Discover comprehensive analysis on the Solar Container Market, expected to grow from USD 1.5 billion in 2024 to USD 5.2 billion by 2033 at a CAGR of 15.5%. Uncover critical growth factors, market ...



Global Electricity Mid-Year Insights 2025 , Ember

The increase in solar and wind power outpaced global electricity demand growth in the first half of 2025. Solar alone met 83% of the rise, with many countries setting new records.

Envision Fully-Integrated

As the MESIA Solar Outlook Report reaches its 11th edition, our commitment remains steadfast in providing valuable insights to our members, collaborators, and industry professionals. We extend our ...



Solar Market Insight Report Q3 2025 - SEIA

Utility-scale solar installations decreased 28% year-over-year and 33% quarter-over-quarter with 5.7 GWdc installed. In Texas, the largest utility-scale solar market, average power prices ...



Solar and storage rising as wind fades in \$20 billion clean energy tax

Crux's 2025 Mid-Year State of Clean Energy Finance report finds transferable tax credits nearly doubled year-over-year, with the total tax credit market reaching toward \$60 billion for the full ...



Executive summary - Renewables 2021 - Analysis

This is the combined result of the economic attractiveness of wind and solar PV, increased ambition at the federal level, the extension of federal tax credits in December 2020, a growing market for ...

Spring 2024 Solar Industry Update

Note: IEA reports that the large stockpile of PV modules increased further in 2023 to 150 GWdc. China has tried to absorb some of the overcapacity (thus the large installation year). However, the large ...



2023 was a record year for wind installations as world ...

The world installed 117 gigawatts of new wind power capacity in 2023, a 50% increase from the year before, making it the best year for new wind projects on ...



Executive summary - Renewables 2023 - Analysis

In 2023, China commissioned as much solar PV as the entire world did in 2022, while its wind additions also grew by 66% year-on-year. Globally, solar PV alone accounted for three-quarters of renewable ...



Supply: Renewables grow the most, followed by gas and nuclear

Together, wind and solar PV are projected to surpass fossil-fired power generation in 2025, assuming normal weather conditions in the second half of the year. As a result, the share of low-emissions ...

Report: Solar, wind power grew faster than electricity demand this

...

Global solar generation grew by a record 31% in the first half of the year, while wind generation grew by 7.7%, according to the report by the energy think tank Ember, which was released



Solar and wind power has grown faster than electricity demand this

...

Global solar generation grew by a record 31% in the first half of the year, while wind generation grew by 7.7%, according to the report by the energy think tank Ember, which was released after midnight ...





2026 Renewable Energy Industry Outlook , Deloitte Insights

Mid-2026 starts: Projects beginning construction by July 4, 2026, or in service by 2027, may still qualify but face uncertainty around FEOC compliance. Beyond utility-scale wind and solar, phaseouts are ...



Synthesis Report

In the Introduction and Sections of the longer report, the references refer to the contributions of the Working Groups I, II and III (WGI, WGII, WGIII) to the Sixth Assessment Report and other IPCC ...

Spring 2023 Solar Industry Update

After plunging to a 1.5-year low of \$20/kg in mid-January, global polysilicon spot prices rebounded to \$30/kg in mid-February and then dropped to \$24/kg by mid-April. Global module prices have ...



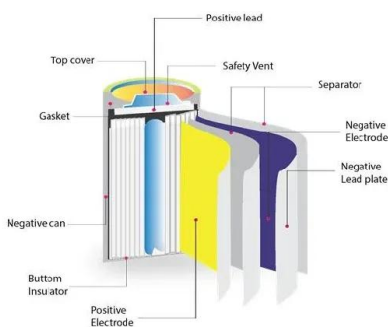
Global Market Outlook for Solar Power 2025-2029

The year 2024 was a true landmark year for solar power. Global solar installations reached nearly 600 GW - an impressive 33% increase over the previous year - setting yet another ...



NREL Wind Energy Accomplishments & Mid Year Performance ...

The laboratory released Version 3.0 of FLOW Redirection and Induction in Steady State, an optimization tool designed to increase wind energy facilities' productivity. Researchers are preparing to launch the ...



Significant solar and wind business growth drives up RWE FY 2023 results

Increased renewables capacity and higher earnings from international electricity generation have driven up RWE's financial results for 2023.

GLOBAL WIND ENERGY COUNCIL

Time to focus on the long-term value and mission of wind energy. It might be fair to say that many people energy installed globally. It is also in the wind industry will not look back on noteworthy that in 2024, ...



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