

PEES Power Systems

Solar Power Generation Enterprise Survey



Overview

The 2025 Solar Industry Survey was conducted in December of 2024 against a backdrop of shifting political realities and closures of several prominent companies, two years after the solar industry celebrated the passage of the landmark Inflation Reduction Act. Shayna Grossman, Oak Ridge Institute for Science and Education (ORISE) Fellow Meenakshi Narayanaswami, NREL Photo from Stacie Peterson, contestant in the U. Department of Energy's 2024 Hit Me With Your Sun Shot photo competition NREL | 2 Agenda 1 Global Solar Deployment 2 U. PV. Developers added 12 gigawatts (GW) of new utility-scale solar electric generating capacity in the United States during the first half of 2025, and they plan to add another 21 GW in the second half of the year, according to our latest survey of electric generating capacity changes. If those plans. Written by Ben Zientara Ben Zientara Ben Zientara is a writer, researcher, and solar policy analyst who has written about the residential solar industry, the electric grid, and state util. Learn more, Edited by Catherine Lane Catherine Lane Catherine has been researching and reporting on the indicators of solar PV power efficiency. Each presentation focuses on global and U.

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2025 Solar Energy Statistics: Latest Industry Survey Data

Top Solar Equipment Brands Chosen by Installers
Equipment Performance and Quality Are Most Important to Installers
91.5% of Residential Solar Installers Offer Additional Services
The Data from 2023 Reflects A Challenging Year
54% of Installers Expect to Sell More Solar in 2024 Than They Did in 2023
The solar industry ended 2022 with great optimism for the year ahead: Congress had just passed the IRA, which included numerous benefits for manufacturers, installers, and developers. 62% of companies expected to expand because of the IRA, and 73% of residential installers expected to sell more solar in 2023 than they had the year before. This year See more on [solarreviews.ecomax.pl](#) [PDF]

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This article presents a short survey of the state-of-the-art architectures of photovoltaic arrays and a review of the concepts and strategies of their associated electronic

The 2025 Solar Industry Survey

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2025 Solar Energy Statistics: Latest Industry Survey Data

These statistics explain the American solar industry, as hundreds of companies share their top brands, biggest challenges, and outlook for 2025.

Winter 2025 Solar Industry Update

Based on initial EU data from Ember, solar was the fastest-growing power source in 2024 in the EU, surpassing coal in electricity generation. The share of coal power in more than half of EU ...



Spring 2025 Solar Industry Update

o At the end of 2024, solar was the second-largest source of U.S. generation capacity, though still a growing

percentage of the U.S. electric generation mix. o In 2024, solar represented ...



Solar Market Insight Report - SEIA

US Solar Market Insight is a quarterly publication of Wood Mackenzie and the Solar Energy Industries Association (SEIA).



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U.S. developers report half of new electric generating capacity will

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capacity in the United States during the first half of 2025, and they plan to add another 21 GW in the ...



Quarterly Solar Industry Update

Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry.

Solar Power Generation Industry Profile from First Research

Current, comprehensive coverage of the Solar Power Generation Industry. Includes: industry forecasts, trends, financial information & detailed analysis. Updated 11/24/2025.



Solar Market Insight Report Q3 2025

Strong demand for new energy supply



and rising power prices strengthen the market fundamentals for new solar projects in the long term. Overall, our low case is 18% lower than our ...

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