

# 2025 Photovoltaic Panel Production Forecast



## Overview

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EIA projects that PV's growth in 2023 (27 GWac) and 2024 (36 GWac) will continue in 2025 (39 GWac) and remain at similar levels in 2026 (36 GWac). In 2024, 24 states and territories generated more than 5% of their electricity from solar, with California leading the way at 32.

## 2025 Photovoltaic Panel Production Forecast

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### Final 2025 Photovoltaic (PV) Forecast

The PV forecast is a projection of distributed PV resources to be used in ISO-NE System Planning studies, consistent with its role to ensure prudent planning assumptions for the bulk power

### These are the Top 10 Emerging Technologies of 2025

The World Economic Forum's latest Top 10 Emerging Technologies report explores the tech on the cusp of making a massive impact on our lives.



### Global Market Outlook for Solar Power 2025-2029

In our most realistic scenario, we anticipate a 10% increase in installations to 655 GW in 2025, with annual growth rates remaining in the low double digits between 2027-2029, reaching 930

### Professional Solar Forecast for PV output

Discover predicted solar output data based on your location, orientation, and other parameters of your solar panels. Fill out the form below and see the current solar production forecast or historical output



[In charts: 7 global shifts defining 2025 so far , World Economic Forum](#)

2025 has been marked by significant global shifts, including increased geopolitical instability, the accelerating impact of AI and a changing labour market.

**This is how people in 2025 are getting their news**

The 2025 Digital News Report, which distills data from six continents and 48 markets, finds that these traditional news media sources are struggling to connect with the public, with



**Executive summary - Renewables 2025 - Analysis**

The increase in solar PV capacity is set to more than double over the next five years, dominating the global growth of renewables. Low costs, faster permitting

**Solar Market Insight Report 2025 Year in Review**

Photovoltaic (PV) solar accounted for 54% of all new electricity-generating capacity additions in 2025. Despite a turbulent 2025, solar remains the dominant form of new electricity



[Future shocks: 17 technology predictions for 2025 , World Economic](#)

We asked our 2020 intake of Technology Pioneers for their views on how technology will change the world in the next five years. Here are their predictions.

[What's happening across global labour markets in 2025? , World](#)

Explore 2025 labour market trends: Record wages in Brazil, low US participation, UK four-day workweek rise, and China's youth job challenges.



**Gender Gap Report 2025 , World Economic Forum**

Global Gender Gap Index 2025 benchmarks gender parity across 148 economies, offering



### Global PV Module Market Analysis and 2025 Outlook

As PV modules are the central component of the industry, this analysis reviews market conditions that affect solar panel pricing and availability



### Snapshot of Global PV Markets

PV energy production reached more than 10% of the world electricity consumption for the first time. The theoretical penetration rate of PV has grown across the world as capacity increases faster than



### [The top nature and climate stories of 2025 , World Economic Forum](#)

2025 has brought both challenges and breakthroughs for nature and climate around the world. From 'no deal' on a global plastics treaty to renewables overtaking coal in power

trend analysis, key findings, and insights into progress since 2006.



### Spring 2025 Solar Industry Update

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### [Cybersecurity awareness: AI threats and cybercrime in 2025](#)

October is Cybersecurity Awareness Month. Discover 10 crucial insights into cybercrime in 2025, including the impact of AI cyber threats and strategies to fight back.



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**Global Risks Report 2025 , World Economic Forum**

The Global Risks Report 2025 analyses global risks to support decision-makers in balancing current crises and longer-term priorities.

**Today in Energy**

In our January Short-Term Energy Outlook (STEO), which contains new forecast data through December 2025, we forecast new capacity will boost



**Davos 2025 Highlights , World Economic Forum**

Davos 2025 Highlights So what were the highlights at Davos this year? Under the theme "Collaboration for the Intelligent Age," nearly 3,000 people from more than 125 countries came together to address

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