

**Espay Solar Energy S.L.**

# **Solar power generation data 2025**



## Overview

---

Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity expansion. electric power sector totaled about 4,260 billion kilowatthours (BkWh) in 2025. In our latest Short-Term Energy Outlook (STEO), we expect U. 6% in 2027, when it reaches an annual total of 4,423 BkWh. The. Globally, renewable power capacity is projected to increase almost 4 600 GW between 2025 and 2030 - double the deployment of the previous five years (2019-2024). The rest of the world was up 11% y/y. EIA's latest monthly "Electric Power Monthly" report (with data through Novem), once again.

## Solar power generation data 2025

---



### Solar power generation, 2025

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this ...

### Spring 2025 Solar Industry Update

- In Q1 2025, solar accounted for 10% of China's total energy generation. o Renewable sources continue to capture a larger share of China's growing electric capacity.



### Electricity generation from U.S. solar grows 28% year-over-year

Solar continues to dominate new electricity generation capacity added to the grid in the United States, according to the Energy Information Administration's (EIA) latest release of its Electric ...

### Solar power generation drives

## electricity generation growth over

...

In our STEO forecast, utility-scale solar is the fastest-growing source of electricity generation in the United States, increasing from 290 BkWh in 2025 to 424 BkWh by 2027.

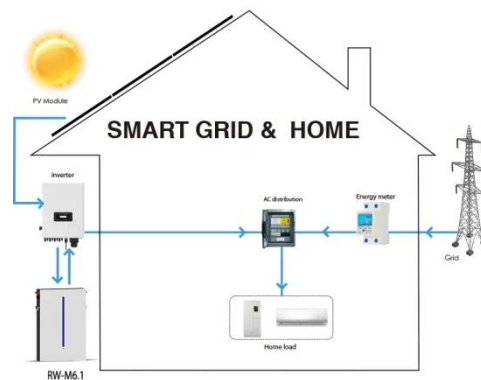


## Renewable electricity - Renewables 2025 - Analysis

Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity expansion. Low module costs, relatively efficient permitting processes ...

## Global Electricity Mid-Year Insights 2025 , Ember

This report analyses changes in global electricity generation from January to June 2025 compared with the same period last year to measure the progress of the global clean energy transition.



## Snapshot 2025

China installed up to 357.3 GW, accounting for almost 60% of new global capacity. Outside China, 244.6 GW were added, led by the European Union (62.6

GW), USA (47.1 GW), and India (31.9 GW). ...



**EIA: 99%+ of new US capacity in 2026 will be solar, wind**

Solar, wind, and batteries are set to supply virtually all net new US generating capacity in 2026, according to the latest EIA data.



**Solar Market Insight Report Q3 2025**

Photovoltaic (PV) solar accounted for 56% of all new electricity-generating capacity additions in the first half of 2025, remaining the dominant form of new electricity-generating capacity ...

**Renewable energy statistics 2025**

Renewable energy statistics 2025 provides datasets on power-generation capacity for 2015-2024, actual power generation for 2015-2023 and renewable energy balances for over 150 countries

and areas for ...



---

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://espay.es>

