

# **The latest on wind solar and storage**





## Overview

---

How have solar and wind taken off in recent years?

A constellation of satellites orbiting 250 miles above Earth's surface shows how solar and wind have taken off in recent years: Here's what renewable energy sites looked like eight years ago. Since then, U.S. solar and wind capacity has nearly tripled.

What solar projects are coming to the power grid in 2025?

This year, massive solar farms, offshore wind turbines, and grid-scale energy storage systems will join the power grid. Dozens of large-scale solar, wind, and storage projects will come online worldwide in 2025, representing several gigawatts of new capacity. The Oasis de Atacama in Chile will be the world's largest storage-plus-solar project.

Are wind turbines and solar panels the future of energy?

Wind turbines and solar panels have popped up across landscapes, contributing an ever-increasing share of electricity. In 2021 alone, nearly 295 gigawatts of new renewable power capacity was added worldwide. This trend points to a significant move away from the environmentally harmful practice of burning fossil fuels.

How much wind will be added in 2025?

Wind. In 2025, we expect 7.7 GW of wind capacity to be added to the U.S. grid. Last year, only 5.1 GW was added, the smallest wind capacity addition since 2014. Texas, Wyoming, and Massachusetts will account for almost half of 2025 wind capacity additions.

How does wind and solar integration affect battery development?

Voltage instability and decreasing grid inertia have emerged as significant side effects of growing wind and solar integration, shifting the market towards grid-scale storage solutions to balance supply and demand. Last year, the EIA



estimated that developers would bring more than 300 utility-scale battery projects online by 2025 (9 GW).

What are the biggest solar and storage projects in the US?

One of the biggest solar and storage projects underway in the U.S. is Longroad Energy's Sun Streams Complex in Arizona, totaling 973 MW of solar and 600 MW/2.4 GWh of battery storage capacity. After the first two phases began operations in 2021 and 2024, the fourth and largest project is underway with 377 MW of solar and 300 MW/1.2 GWh of storage.



## The latest on wind solar and storage



### A comprehensive review of wind power integration and energy storage

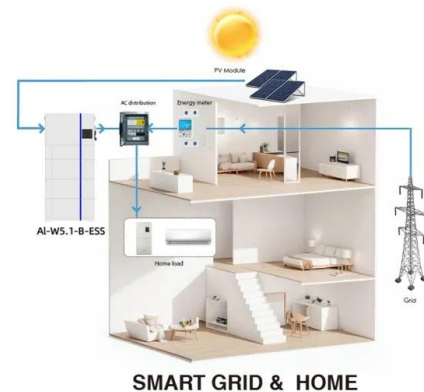
Integrating wind power with energy storage technologies is crucial for frequency regulation in modern power systems, ensuring the reliable and cost-effective operation of ...

[Email Contact](#)

### Figuring Out a Battery Storage System to Fit New ...

Developers of small- and utility-scale battery storage find permitting and connecting to the energy grid is an arduous and costly process.

[Email Contact](#)



### The Philippines to Add 9.4 GW of Wind, Solar, and Energy Storage

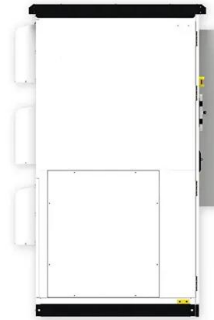
3 days ago· Solar, wind, and energy storage projects attracted significant attention in this auction. According to the auction rules, unallocated quotas--particularly those for floating solar, ...

[Email Contact](#)

### Here's What the Rise of Clean Energy Looks Like ...

A new analysis shared with The New York Times shows how countries around the world are rapidly adding solar and wind capacity, now ...

[Email Contact](#)



### **U.S. Solar and Energy Storage Set for Major Growth ...**

Wind energy is still expanding, though not as fast as solar. More than 2 GW of new wind capacity is expected in Texas alone in 2025, and ...

[Email Contact](#)



### **[The U.S. keeps breaking renewable energy records](#)**

1 day ago· Renewable energy reached nearly 25% of U.S. power generation in June, up from 18% last year. Texas, California and other states continue setting wind, solar and battery ...

[Email Contact](#)



### **New Energy Outlook: What 2025 Holds for Solar, Wind, Storage, ...**

Explore what 2025 holds for clean energy--from solar and wind growth to storage innovations and grid modernization. Key insights from FFI Solutions.

[Email Contact](#)





## GOP bills seek to regulate wind, solar and battery power projects ...

Republican lawmakers are leading the charge with bills that would give government regulators final approval over the construction of new wind, solar and battery storage projects ...

[Email Contact](#)



## Cleanview January 2025 report

Carbon-free sources dominated new capacity additions 95% of capacity added in 2024 was carbon-free (renewables, storage, and nuclear) Solar and batteries made up 83% of new ...

[Email Contact](#)

## New report indicates how Canada increased clean ...

Canada's wind, solar and energy-storage sectors grew by a steady 11.2 per cent this year, according to the new annual industry data report ...

[Email Contact](#)



## The state of the domestic solar and energy storage ...

Anza, a subscription-based data and analytics software platform, released a Q1 2025 report that reveals trends in domestic manufacturing of ...

[Email Contact](#)



## U.S. Solar and Energy Storage Set for Major Growth in 2025

Wind energy is still expanding, though not as fast as solar. More than 2 GW of new wind capacity is expected in Texas alone in 2025, and around 2 GW more across the rest of ...

[Email Contact](#)



[Here comes the boom: Wood Mackenzie forecasts ...](#)

Annual capacity will increase from approximately 500 GW of new solar and wind capacity installed in 2023, and average 560 GW annually over ...

[Email Contact](#)

## Energy Storage News , Today's latest by Renewables Now

3 days ago · Latest news on energy storage projects, BESS, capacity expansion, and regulatory updates across Europe, US & Canada, Latin America, and Asia Pacific. Discover how energy ...

[Email Contact](#)



[New Energy Outlook: What 2025 Holds for Solar. ...](#)

Explore what 2025 holds for clean energy--from solar and wind growth to storage innovations and grid modernization. Key insights from FFI ...

[Email Contact](#)





## Here's What the Rise of Clean Energy Looks Like From Space

A new analysis shared with The New York Times shows how countries around the world are rapidly adding solar and wind capacity, now cheaper and more reliable than ever.

[Email Contact](#)



## Solar, battery storage to lead new US generating capacity ...

EIA expects 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the US power grid in 2025 in its latest Preliminary Monthly Electric Generator ...

[Email Contact](#)

## REPORT: Solar and Storage Dominate New Power Additions in ...

4 days ago · LAS VEGAS and WASHINGTON, D.C.  
-- The U.S. solar industry installed nearly 18 gigawatts (GW) of new capacity in the first half of 2025. Even as the Trump administration ...

[Email Contact](#)



## U.S. Solar and Energy Storage Set for Major Growth ...

Batteries or Energy Storage Take the Grid to the Next Level Energy storage systems, mostly large batteries, are important because they ...

[Email Contact](#)





## Sections 45Y and 48E Beginning of Construction Notice

Such action includes issuing new and revised guidance for applicable wind and solar facilities to ensure that policies concerning "beginning of construction" are not circumvented, including ...

[Email Contact](#)



## Solar, battery storage to lead new U.S. generating capacity ...

In 2025, we expect 7.7 GW of wind capacity to be added to the U.S. grid. Last year, only 5.1 GW was added, the smallest wind capacity addition since 2014. Texas, Wyoming, and ...

[Email Contact](#)

## Global Renewable Surge: How Wind, Solar & Storage are ...

Let's delve into how wind, solar, and energy storage solutions are poised to become the primary sources of global electricity generation, providing numerous ...

[Email Contact](#)



## Latest Renewable Energy Updates, Trends & Insights

Get the latest renewable energy news, trends, and insights on solar, wind, storage, and policy changes. Stay ahead with Factor This' expert coverage.

[Email Contact](#)



### [Wind, Solar, Storage Heat Up in 2025](#)

Dozens of large-scale solar, wind, and storage projects will come online worldwide in 2025, representing several gigawatts of new capacity. The Oasis de Atacama in Chile will ...

[Email Contact](#)



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.ogrzewanie-jelenia.pl>