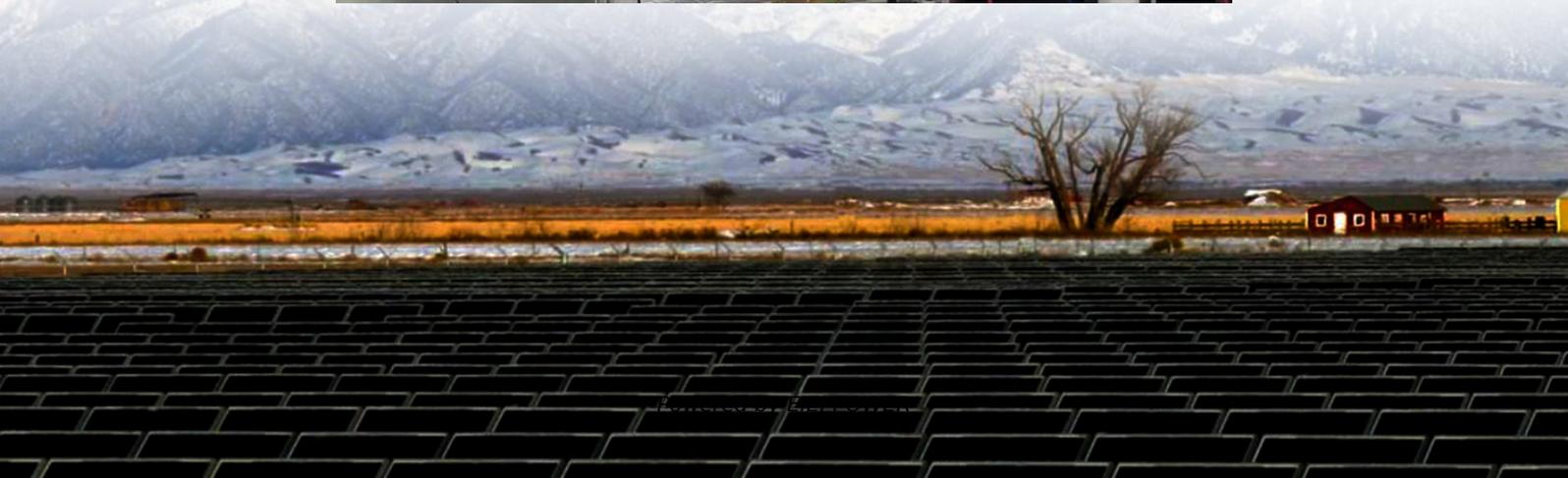


# **Solar power generation and energy storage in North America**





## Overview

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US Energy Information Administration (EIA) data released on November 25 and reviewed by the SUN DAY Campaign reveal that, during the first nine months of 2025 and for the past year, solar and battery storage have dominated growth among competing energy sources, while fossil fuels and nuclear power have stagnated. Are solar and storage the backbone of America's energy future?

“Solar and storage are the backbone of America’s energy future, delivering the majority of new power to the grid at the lowest cost to families and businesses,” said SEIA president and CEO Abigail Ross Hopper.

How much solar power did the US install in 2025?

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 rolled out a series of anti-clean energy policies, solar and storage still accounted for 82% of all new power added to the grid in its first six months.

How many GW of solar & battery storage will be added in 2024?

Together, solar and battery storage account for 81% of the expected total capacity additions, with solar making up over 50% of the increase. Solar. In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year.

What are energy storage systems?

Energy storage systems are not primary electricity sources, meaning the technology does not create electricity from a fuel or natural resource. Instead, they store electricity that has already been created from an electricity generator or the electric power grid, which makes energy storage systems secondary sources of electricity. Wind.



## Solar power generation and energy storage in North America

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## [Solar And Storage Drive U.S. Energy Growth In 2025](#)

Sep 15, 2025 · Solar and storage dominate U.S. power growth in 2025, cutting costs, boosting jobs, and securing America's clean energy future.



## [EDF Renewables North America Signs ...](#)

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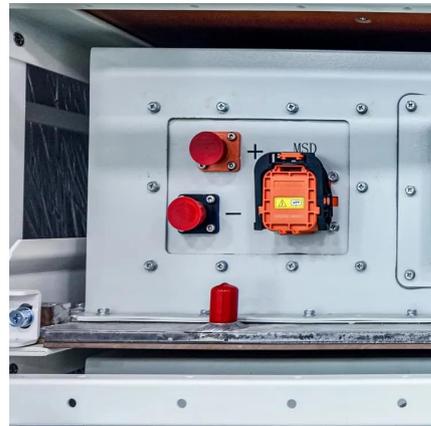
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### [Solar Market Insight Report - SEIA](#)

Sep 8, 2025 · The U.S. solar industry installed nearly 18 gigawatts (GW) of new capacity in the first half of 2025. Even as the Trump administration rolled out a series of anti-clean energy ...



## [EIA: Solar + storage soar as fossil fuels stall through ...](#)

Dec 2, 2025 · During the first nine months of 2025, solar and battery storage have dominated growth among competing energy sources, according to the EIA.



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## **The Solar and Battery Storage Revolution: Powering North America...**

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