

# Gigawatts of new solar



## Overview

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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. According to the US Solar Market Insight 2024 Year in Review report released today. The Gemini solar power plant in Nevada is hosting the recovery of a rare plant called the three cornered milkvetch while adding 690 megawatts of clean power and 380 megawatts of storage to the local grid (cropped, courtesy of Primergy/Gemini). The combined 200 GW production could begin ramping up over the next three years.

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### Chart: Solar, batteries to lead US power plant... , Canary Media

This year, utility-scale solar is expected to continue its winning streak as the largest source of new electricity generation. More than half of new power plant capacity built this year will be ...

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### Tesla Energy's 100 Gigawatt Solar Ambition: Expansion Into New York

Tesla is actively pursuing 100 gigawatts of solar manufacturing capacity with potential facilities in New York, Arizona, and Idaho. Taha Abbasi analyzes what this means for US energy ...

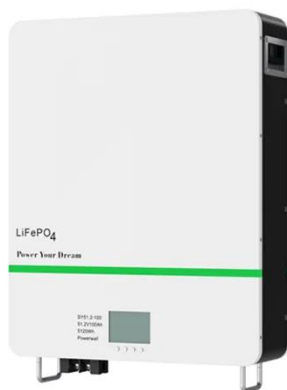
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### REPORT: Solar Adds More New Capacity to the Grid in 2024 Than ...

The United States installed a record-breaking 50 gigawatts (GW) of new solar capacity in 2024, the largest single year of new capacity added to the grid by any energy technology in over two ...

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### Record-breaking year ahead for US power generation with

According to the US Energy Information Administration (EIA), developers plan to add 64 gigawatts (GW) of new utility-scale capacity in 2025, surpassing the previous record of 58 GW set in ...

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### **Solar may account for half of new US electricity added this year, EIA**

Developers are on track to add 33 gigawatts of solar power in the U.S. this year, accounting for about half of the total new electricity generating capacity planned for the country in ...

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### **US sets record for solar capacity added in 2024**

In 2024, the United States achieved a remarkable milestone by adding a record-breaking 50 gigawatts (GW) of new solar capacity to its electrical grid. This achievement marks the largest ...

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

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another 21 GW in the ...

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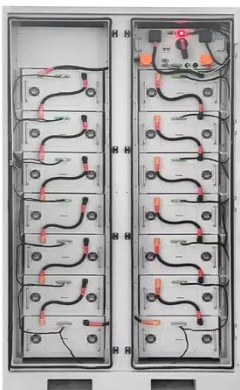
## SpaceX and Tesla Plan Massive US Solar Manufacturing Push as AI ...

Battery storage installations are accelerating to address the mismatch between solar production and electricity demand. More than 10 gigawatts of utility-scale battery storage were ...

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## 58 Gigawatts Of Solar Power Are Hiding In Plain Sight

Gigantic utility-scale solar plants get most of the attention, of course, but according to the US Energy Information Agency, as of last October, a total of 58.1 gigawatts' worth of solar

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