

# Solar power generation installed capacity share

More than one-third of U.S. solar power capacity is small-scale solar--a share that has been declining in recent years because utility-scale solar has been growing faster. We expect both ...

Solar has become the largest renewable source of installed power capacity in the United States, surpassing wind after 27 consecutive months as the leading source of new grid additions, ...

**Current Capacity** The largest fuel source is natural gas, accounting for just under 43% of all generation capacity. Coal, with a share of 15%, represents the second largest source of generation capacity. ...

Utility-scale solar's share of total installed capacity (11.62%) is now almost equal to that of wind (11.82%). If recent growth rates continue, utility-scale solar capacity should equal...

Solar, in line with the previous year, accounted for the largest share of the global total, with a capacity of 1 865 GW. Renewable hydropower<sup>1</sup> and wind energy accounted for most of the remainder, with total ...

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 ...

Utility-scale solar is now nearly one-eighth (12.09%) of the nation's total electrical generating capacity. Solar leads utility-scale renewable energy output. Natural gas and coal are the ...

The US solar industry installed 7.5 gigawatts direct current (GW dc) of capacity in Q2 2025, a 24% decline from Q2 2024 and a 28% decrease since Q1 2025. Solar accounted for 56% of ...

Global solar photovoltaic capacity has grown from around 40 gigawatts in 2010 to approximately 2.2 terawatts in 2024. Only in that last year, installations increased by almost 40 ...

**Total renewable capacity (on-grid and off-grid)** Hydropower Renewable hydropower (including mixed plants)  
Pumped storage (note that this is included in total hydropower capacity, but ...

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