



# Which solar power generation is more affordable

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This chart shows the levelized cost of energy generation by source (in U.S. dollar per MWh).

Learn about the cheapest sources of electricity in 2024 in America. From wind to solar to fossil fuels, NPUC breaks down how expensive each is.

Solar power became the most affordable energy source between 2021 and 2025, with costs dropping below coal and natural gas in most regions.

Utility scale solar -- what most people think of when they hear about solar energy -- is the next most cost-effective approach, with costs ranging from \$38 to \$78 per megawatt-hour.

Solar and wind remain the most competitive sources of electricity on an unsubsidized basis in the United States, despite persistent low natural gas ...

"Despite facing macro challenges and headwinds, utility-scale solar and onshore wind remain the most cost-effective forms of new-build energy ...

Solar power was by far the most expensive renewable source of electricity among the technologies studied, although increasing efficiency and longer lifespan of ...

Onshore wind and utility-scale solar are now the cheapest sources of new power in the U.S., with costs as low as \$37-\$86 and \$38-\$78 per MWh, ...

In 2024, solar photovoltaics (PV) were, on average, 41% cheaper than the lowest-cost fossil fuel alternatives, while onshore wind projects were 53% cheaper. Onshore wind remained the ...

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