



# Who says solar power is the only source of electricity





## Overview

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“Solar only produce [s] power when the sun is shining,” as the prominent climate-sceptic commentator Bjorn Lomborg wrote in a 2024 article in Canada's Financial Post. Solar power is already providing the “cheapest electricity in history” and is expected to play a pivotal role in the global transition away from fossil fuels. It has become one of the cheapest ways to generate energy almost everywhere, and it is one. In fact, in the long run, solar power—including wind, which captures energy from the Sun in a different way—is the only energy source that can meet growing demand without overheating the Earth. On September 2, Wright posted on social media platform X: ' Even if you covered the entire planet with. Solar panels An array of solar panels convert sunlight to electricity. Encyclopaedia Britannica's editors oversee subject areas in which they have extensive knowledge, whether from years of experience gained by working on that content or via study for an advanced degree. People have used the sun's rays (solar radiation) for thousands of years for warmth and to dry meat, fruit, and grains. Over time, people developed technologies to. Bottom Line Up Front: In a wide-ranging 2026 interview with entrepreneur Peter Diamandis, Tesla (TSLA) and SpaceX CEO Elon Musk argued that solar power is not just another energy source, but the foundation of all future energy systems. Musk dismissed competing sources as marginal by comparison.



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### [Solar energy , Definition, Uses, Examples, Advantages, & Facts](#)

Solar energy is radiation from the Sun that is capable of producing heat, causing chemical reactions, or generating electricity. The total amount of solar energy incident on Earth is ...

### [Factcheck: 16 misleading myths about solar](#)

This argument rests on the idea that variable generation sources, such as solar, may be cheap in terms of the electricity they generate, but still drive up the overall cost of the electricity system by ...



### [Solar power , Definition, Electricity, Renewable Energy, Pros and ...](#)

China has dominated the solar industry, holding more than 37 percent of the global installed capacity of installed photovoltaic capacity in 2022. The United States has the second largest ...



### ['Solar is everything': Tesla's Elon Musk says other energy sources are](#)

Bottom Line Up Front: In a wide-ranging 2026 interview with entrepreneur Peter Diamandis, Tesla (TSLA) and SpaceX CEO Elon Musk argued that solar power is not just another energy source, but ...



## Solar Energy

Local areas must be studied to determine whether or not solar power would be effective in that area. Sunlight must be abundant and consistent for solar energy to be an efficient choice. In ...



## Solar explained

Energy from the sun The sun has produced energy for billions of years and is the ultimate source for all of the energy sources and fuels that we use. People have used the sun's rays (solar radiation) for ...



## [Why solar energy is the only viable energy source in the long term](#)

US energy secretary Chris Wright has argued that solar power cannot provide all the energy the world needs. This is completely wrong and shameful, as many have pointed out.



## [Busted: Common Solar Myths and Misconceptions](#)



Myth #1: Solar only works when the sun is shining. I still need power when it's raining. Actually, solar technology can be leveraged in virtually any condition, including rainy and snowy ...



['Solar Is Everything': Tesla's Elon Musk Says Other Energy Sources ...](#)

In a recent interview, Elon Musk says that solar is the only logical energy source to build out, and it logically dwarfs all other sources.



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