



# Benefits of using solar panels

What are the advantages of solar panels? How long do solar panels last? Do solar panels work in the rain? Do solar panels work in the winter? If you're considering going solar, it's...

But the benefits of going solar reach beyond energy savings and touch everything from home value to the long-term health of the global ecosystem. The five main advantages of solar energy are: Energy savings. Versatility. Environmental benefits. Increased home value. Long performance warranties.

Creating household savings. Generating broader economic opportunities. Maintaining power through - and recovering from - extreme weather and disruptions, such as cyber threats. Owning your energy production. Benefitting the environment. The decision to go solar is not one to be made lightly.

Here are the two main ways solar panels benefit your local environment: 1. Solar energy decreases greenhouse gas emissions. Generating electricity with solar power instead of fossil fuels can dramatically reduce greenhouse gas emissions, including carbon dioxide (CO<sub>2</sub>).

1. Solar drastically reduces, or even eliminates your electric bills. The top benefit of solar panels is pretty straightforward. When you install solar panels at your home, you generate your own electricity, become less reliant on your electric ...

Benefits of Residential Solar Electricity. Solar energy is sustainable, renewable, and plentiful. As the cost of using solar to produce electricity goes down each year, many Americans are increasingly switching to solar. Now, there are over a million solar installations across the country.

Solar panels draw their energy from the renewable resource that is our sun. Not only does installing a solar energy system reduce your reliance on fossil fuels (which improves your air quality and protects the environment), but it can also save you \$25,000 to over \$110,000 over its lifetime.

Benefit 1: Solar panels are increasingly affordable. Residential solar is more affordable than ever, especially with the extension of the federal residential solar tax credit. Taxpayers can claim a 30% tax credit on the cost of solar systems on their income taxes.

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