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[The Pros and Cons of Solar Energy](#)

When you're learning about something new, it's easy to feel overwhelmed by the sheer amount of relevant information available. This informative article should help you focus on the central points.

Solar energy is one of the best forms of renewable energy. But why don't we rely on it so much compared to other countries? The answer is simply that there are pros and cons with using this form of alternative energy.

The pros of using solar energy is that the system is easy to install, there are no energy costs once it is set up, there are no emissions like air pollutants or greenhouse gas and the sun is widely available.

A solar energy system is composed of the solar panels, the inverter, battery, charge controller, wires and support structure. For you to produce a kilowatt of power, you will need 10 to 12 solar panels that will occupy an area of 100 square feet. If you are worried that this will cause damage to your roof, don't because it is made of light weight materials.

When you call a contractor, it will usually take a day or two to install and cost around \$10,000. Not that many people will have cash on hand to pay for it so they can avail of a home equity loan to pay for it.

If you use a kilowatt of solar energy, you can save 170 lbs. of coal from being burned, about 300lbs of carbon dioxide from being released into the atmosphere or 105 gallons of water that most homeowners use up every month.

The cons are solar cells are expensive, the rays can only be collected during the day time, the weather and where you are located will play a factor in how much sunlight you can get and you will need a big area to collect the power.

Truthfully, the only difference between you and Solar Energy experts is time. If you'll invest a little more time in reading, you'll be that much nearer to expert status when it comes to Solar Energy.

But some experts believe that price of these cells and its ability to collect power will improve in the future.

Right now, a kilowatt of solar energy can only produce 1,600 kilowatts of hours per year in sunny climate. That means you will receive 5.5 hours of electricity per day. If you produce about 750 kilowatts of power, you will only get 2.5 hours of power per day.

Solar panels come in various colors and usually have a 5 year warranty. Since manufacturers are aware that solar energy can only work when the sun is out, they have installed batteries so you get more than 5 hours of power even during cloudy days and nights. This is because the batteries are designed to absorb, insulate, transmit and reflect rays coming from the sun.

But solar energy can be applied to other things and not just powering our homes. It can be used to power small devices like calculators to bigger things like planes, satellites and cars. Since these are easy to maintain, you don't have to worry about anything.

Now that you know the pros and cons of solar energy, the question remains, should people get into it or not? If you look at it, the answer is definitely yes because is a renewable source of energy that does not cause any harm to the environment. It will also greatly reduce our need for oil which has become a very hot issue especially when the price per barrel went out to more than a hundred dollars early on this year.

People should take this seriously especially when this is not a renewable source of energy.

I hope that reading the above information was both enjoyable and educational for you. Your learning process should be ongoing--the more you understand about any subject, the more you will be able to share with others.

About the Author

By Anders Eriksson, feel free to visit his Perpetual20 training site for great bonuses: [Perpetual20](#)

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