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Analyzing the benefits of solar energy

We all know that using solar energy is a good thing to do. We have heard, and there are quite a number of them, all about the benefits of solar energy and we can't agree why we can't turn this alternative form of energy source to a primary one. But despite the advantages, solar power has yet to fully make it in the mainstream. Let's go back and discuss a couple of the advantages of solar energy and see why keep going back to fossil fuels for energy resource.

In the long run, solar power saves money. Initial costs of installation and operations may be more expensive than other energy forms but after settling the expenses, you have an energy resource that is free. Nobody charges for using sunlight, right? The return of investment can also be shorter depending on how much energy you use. You won't spend too much on maintenance either plus those photovoltaic cells can last for 15 to 20 years. There are no mechanical or moving parts to oil and maintain nor are there parts that need to be replaced yearly.

Of course solar power is environmental friendly. First it's renewable not like fossil fuels which according to studies will be gone in four to five decades. The process of converting energy to usable electricity does not involve the release of toxic chemicals which can harm the environment. Carbon dioxide, nitrogen oxide, sulphur dioxide, lead, and mercury emissions will be a memory of the past when everyone goes solar. Relying on the sun for power also helps reduce global warming.

Those of you not familiar with the latest on Solar Energy now have at least a basic understanding. But there's more to come.

Aside from the toxic wastes and pollutants, using solar power will limit other aspects of the energy industry like hazards of working with and transporting oil or natural gas. Also, other health risks are present in the use of other fuels like kerosene and candles which are still popular in third world countries. With solar energy, these risks will be minimized if not totally eliminated.

The use of solar panels is also good for remote areas where providing basic electricity services is troublesome if not totally impossible at all. Solar energy can be transported to far flung villages and once installed they can be left alone for years with little or without maintenance. Communities in Asian countries have successfully installed solar panels in their community and have been enjoying the benefits of clean and reliable power for years.

For a poor country, producing electricity through solar energy can mean independence from oil producing countries which controls the supply and prices of oil. With such independence, new policies on energy can be created which will maximize the benefit for its citizens. Countries will also not be wary on natural disasters which hampers delivery of oil. With this new found independence, countries can invest its national budget on other programs aside from purchasing oil from foreign sources.

There are several disadvantages of using solar power and one of which is the costs. But thinking about it in the long run, you'll see that the benefits of solar energy outweigh the disadvantages. Plus, with the current development in the field of science and technology, solar power is becoming more and more convenient and it would not be surprising to find solar energy as a primary source of power in the next few years.

About the Author

By Anders Eriksson, feel free to visit his top ranked GVO affiliate site: [GVO](#)

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