

Why Do We Need Solar Energy?

With the world's natural resources depleting rapidly, humans must find a way to compensate. This society has milked oil, coal, gasoline, lead, uranium, and many other of these reservoirs in our Earth for hundreds of years and much has been done. Asphalt was used for our roads and highways, coal was originally used for heat before there was oil, and even water was used as a form of electricity on many rural farms. Luckily, more companies around the world are waking up to the fact that these resources will not be around forever, and that in the near future, other forms of energy will take heed. Solar energy, or energy powered by the sun, is one of the most promising. Since the sun's rays create so much for the wildlife that surrounds us, why can't it do the same for people? It can, and as many industries are finding out, will be around long after the other resources are gone.

Currently, most of the world's electricity is generated by burning fossil fuels, such as coal, oil and gas. However, these fuels, when burned, produce toxic emissions that decrease our air quality and may cause global warming as well. Solar energy is an excellent alternative energy source, since it is waste-free and uses the readily available energy of the sun.

There are two primary solar-harvesting technologies: Photovoltaic (PV) and Concentrating Solar Thermal (CST). PV solar cells generate energy by converting solar energy directly into an electrical charge. Solar thermal technology, on the other hand, generates energy indirectly; the heat is concentrated to produce steam, and the steam then powers a generator that puts out electricity.

Solar energy begins with the sun. Solar panels, also known as photovoltaic, are used to convert light from the sun, which is composed of particles of energy called "photons", into electricity that can be used to power electrical loads. Light from the sun is a renewable energy resource that provides clean energy, produced by solar panels.

Solar panels can be used for a wide variety of applications including remote power systems for cabins, telecommunications equipment, remote sensing, and of course for the production of electricity by residential and commercial solar panel systems.

I hear everyday, on TV, newspapers, magazines, that we have to save the planet. Did you know there are areas in this world that don't have power, they don't even know it exists. Yet in other parts of the world humans are wasting it. There is an alternative to this problem, and a good one. We have it on the top of our head everyday. It is called solar energy.

We all know that electricity has been here since the early 1900's. When it started, there wasn't much demand for it, First of all, because most people didn't have it in their houses, secondly, the only use for it was for light bulbs. Then came heaters, stoves, and then followed by electric appliances and everything else that work with electricity. But today the demand is so strong for electricity, we have to find other ways how to produce it. Did you know that Canada is the number one producer of electricity in the world? that the United States have to buy energy from Canada, because the demand is too strong, so I think now is the perfect time to make this solar panels work because, now at this time almost everything work with electricity which means we are causing problems to our green planet and what a better solution than pure energy taken from the sunlight without polluting our planet and save money from our pocket.

There are many reasons why we should all use solar panels to provide a source of clean, cheap and renewable energy for our homes.

I think the main reason why we should use solar panels at home is because, its energy actually taken from the sun which means that its natural and less harmful for our planet so it could keep our environment clean.