

Green Energy Basics

What comes to mind when you think of "green energy"? A huge piece of glass on the roof of your house? An old windmill with wires strung into the house? Green energy may bring to mind an energy option that seems crude and inefficient. When you look at the latest green energy technology, you find it takes a lot of money to pay a professional to install a system in your home. Green energy does not need to be expensive or new to be able to use it.

Green energy is any form of force that can be used repeatedly and never run out and does not harm the environment. Solar and wind energy is the most well known sources of green energy, but hydroelectric as well as geothermal are also sources of green energy. Take a closer look at the reasons these are green sources of energy.

Solar energy is still being developed; it is probably the most talked about form of green power. In the future, many believe we will be producing solar power with plastic wrap; the fact is they have developed a form of plastic wrap that will collect solar rays for producing power. Solar power is still not ready for widespread use and is considered too expensive and difficult to take care by the average person. In years to come solar power will prove to be a good option for alternative energy.

Wind power has been here for a long time. To most people energy is electric. Energy is the force that helps make electric or provides another service we need. In the past windmills were used for other tasks other than producing electric such as pumping water. The wind turbines today are very effective in providing power and do not require a lot of maintenance to keep them working well. A perfect place for these wind turbines to work well is in the wind belt, such as in Texas where they have the biggest wind farm in the country. It features miles of windmills to provide clean energy for Texas residents.

Geothermal power is harder to understand. The temperature underneath the ground stays the same, this knowledge can help us heat and cool our houses and businesses. We can harness this energy by using thermal rods to run this air into the home. You would never have to run an air conditioner or heater again. Volcanoes are buried underneath the ground in some areas. Steam and pressure is the result of volcanic activity and this produces energy. This type of energy can be harnessed and used all over the world.

Hydroelectric energy can also be considered green, but only in some situations. Small-scale hydroelectric stations do not require significant changes to the landscape and ecological balances around the water source so they are considered green. Larger outfits however require the flooding of massive amounts of area to provide a large enough reservoir to provide sufficient water volume so they leave a lasting and detrimental impact on the earth, making them not green.

Many forms of green energy exist, but none of these was ever used for producing power. Green energy will help you be less dependent on conventional power companies. You are able to connect your green source of power to the grid and only use power from the electric company when you need it. This will help you do your part in keeping the earth a cleaner, greener place for our descendants.

About the Author

About the author: Jerry Dyess has been in the [Texas Electricity](#) business for the past 7 years and has published many articles on [Texas Electric](#) news.

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