

DIY Wind Power - Enjoy Time Tested Savings

As energy costs rise and our natural resources of coal and oil diminish, solar and wind power has gained a place of prominence in the world of renewable resources. Residential wind turbines grow in popularity day by day and over the past decade have had a serious impact on the DIY wind power market. If you are one of those people who are considering this form of energy to supplement your home energy needs you will be able to harness the nature's energy to not only produce energy but to save you money in the process.

Wind power and solar panels are becoming a more and more popular option among home owners. People are becoming aware of the beneficial nature of this type of energy. Not only is it a continuously renewable resource but it does not harm the environment and leaves no carbon footprint. Natural energy generation is the responsible energy option and as technology advances it becomes more feasible for the average person.

The Workings of DIY Wind Power

Wind power is captured by windmills or turbines, creating energy that is stored in batteries. The turning of the blade harnesses the energy of the wind and that then creates electricity. Some people refer to this equipment as windmills, some as turbines, but it is the same thing.

The spinning of the blades is what is known as kinetic energy. Kinetic is simply another way of saying physical. The kinetic energy then spins the blades and the energy is collected by the motion generated from the wind. Simply put, the faster the blades spin, the more energy is generated. In the case of a home wind generator, that energy is collected and stored in a battery and can be tapped at any time when an electrical power source is needed.

DIY Wind Power Will Save You Money

The short answer is yes, absolutely! How much money you're going to save depends on quite a few variables including how large your wind power generator is, how much wind you get and how efficiently you capture it. It is absolutely possible to save a substantial amount of money on your electric bill.

The beautiful thing about building your own wind power system is that it is relatively inexpensive to do and does not require any specialized parts. For less than \$200 you can go down to your local hardware store or home improvement center and get all the parts you need to construct your home made wind generator. There are no special skills required to build your own windmill and you can do it with common household tools. It really is a great do-it-yourself project that just about anyone can do.

Power Needs of the Average Home

One average sized wind turbine built for home use can generate between 5 and 15W which is sufficient for most homes. An average home uses, in the neighborhood of, 100,000 KWH of electricity each year. If you want more you can build a larger turbine. If you create more wind power than you can use, you can sell the excess electricity back to the power company and actually earn some income from your investment.

The only down side of homemade wind turbines is that they can be noisy. If properly maintained they are not exceptionally noisy. When the wind blows, the movement over the blades creates a whistling sound. Improperly cared for parts will make extra noise as does any moving machinery. Keeping the properly maintained and oiled is extremely important for minimizing sound. It is also a better option to build your turbine out of PVC rather than wood as wood will not hold up nearly as long.

As stated before, constructing your own DIY wind power is not difficult. It is a project that can be handled by just about anyone that is enthusiastic enough to take it on. It can actually be quite enjoyable... and very fulfilling.

About the Author

Harness the energy of [DIY Wind Power](#) to power your home. Find out how you can take advantage of the wind's energy at www.solarwindenergys.com.

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