

Helping the Earth with Alternative Energy by Kaley Davis

“To truly transform our economy, protect our security, and save our planet from the ravages of climate change, we need to ultimately make clean, renewable energy the profitable kind of energy.”-Barack Obama, We need to start using Alternative Energy a whole lot more, now that our globe is warming! Wind and Solar energy are two great examples of alternative energy. In Marlborough solar energy would be very useful. Alternative energy is a great way to save electricity, but there are also other reasons why it is so important.

We could really benefit from using more alternative energies. Heat trapping gases, or greenhouse gases are being added to the atmosphere, mainly by burning fossil fuels. This is causing global warming. Global warming is causing extremely hot summers, stronger storms and extreme weather conditions like droughts. Also, it is causing glaciers to melt. Overall using alternative energy sources is better for the environment because alternative energies do not release greenhouse gases. Many examples of alternative energy sources, are eco-friendly ways to make electricity.

One type of energy source that we can use is wind. The definition of Wind Energy is electrical energy obtained by harnessing the wind. Wind energy is getting more and more popular. “Wind power is an increasingly valuable source of energy. It brings electricity.” People are now using wind energy to run electricity through their homes. This unique new way, is awesome! “There are many advantages to wind power...It’s cheap...a renewable energy resource...no dangerous waste products...clean with no pollution.” It does not cost a lot, it never runs out, it’s completely safe and clean, and the new technologies for wind energy work well. Wind Turbines are used commonly, but a new, idea came from Doug Selsam. He invented the Sky Serpent. “A whole new different animal! A whole series of wooden rotors positioned on a long shaft.” The sky shaft is different in a good way! “Selsom’s idea was simple, the mechanics are not...The shaft must be angled so the rotors catch the wind...rotors must be spaced so they don’t get in the way of one another’s airflow.” Basically, the creators design was extremely complicated and an improvement over older turbine blade designs. Overall, there are so many amazing things about wind power.

Another great renewable source is Solar Energy. This is radiant energy emitted by the sun. Solar Energy has so many advantages to it. There is now a completely portable...extremely powerful and yet very simple to use...(solar generator)...produces continuous electricity and runs with no noise...emits no fumes...you can generate free electricity from the sun! Solar powered backup provides instant electrical power in any outage or disaster.” Solar generators are important because you can make free electricity

from the sun. Also, "Gas generators make an incredible amount of racket...if you can even get them started...you pull and you pull...because your generator has been...in the cold...Another reason to avoid gas generators, is that you just can't run one safely in your house. But the...reason you don't want...a gas generator is...Gas stations can't pump gas without electricity." Gas generators are noisy, hard to use and not safe! That is why you should without a doubt use Solar Generators apposed to Gas Generators. An other amazing solar powered invention has been made. A light bulb made from a soda can is solar paneled. "soft-drink bottle is filled with a mixture of water and...bleach...a hole is cut into the roof of a house...bottle is inserted halfway in...sealed in place...sunlight striking the bottle is dispersed throughout the water...bottom half of the water glows with the brightness of a 55-watt lightbulb, providing...house with a constant source of illumination." If you put water and bleach in a can, and put it in your roof, sunlight hits it and will give off light. This is very important because it's a easy, cheap and fun way to light your home. Solar energy is just all around an amazing idea and might even be good for citizens of Marlborough.

Out of the two alternative energies, I think the solar energy would be best for citizens of Marlborough. All though the weather changes from day to day, the sun is always out. Even if it is raining outside the sun is still out. This is perfect for using solar energy. Also, even in the winter it can be sunny! For example, according to the weather channel, just in the next three days it will be sunny. Additionally, we cannot rely on Marlborough to be windy for our electricity it is not practical because it does not wind every day. Furthermore, according to the Weather Channel their has not been a whole lot of windy days. Altogether, people who live in Marlborough should most definitely look into using Solar Panels and other Solar Powered Electronics.

All in all, people should definitely start using both Solar and Wind Power to make electricity. Especially citizens of Marlborough should use the Solar Power. We need to make a difference regarding our global warming issue. Being more conservative with energy is an easy way to help the earth.

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