

Renewable Energies

by James Carney

Have you ever thought about using renewable energy? Well since our world is getting so much warmer our environment is getting worse and worse. We need to use more alternative energies to keep our environment safer from global warming, from the burning of fossil fuels and the greenhouse affect our globe is warming up more and more over the years. One type of alternative energy is wind. Another type is solar energy. In my eyes I think that wind energy would be better for Marlborough.

We need to use more alternative energies because of the greenhouse effect. Burning fossil fuels gives off carbon dioxide which warms our globe. Our globe is getting warmer by months passing. Our globe is getting warmer because carbon dioxide heat traps are in the atmosphere. Some things that are happening from the earth warming up are that animals, people, and the environment are all being affected. Such as polar bears dying from the warm atmosphere melting the ice in the artic and in Antarctica so the polar bears have nowhere to go.

One type of alternative energy that can help us is wind energy. Wind energy can help us a lot because wind energy can power a whole lot of homes and other objects around the world. Some farmers aren't happy because there town bought windmills for the farm but there not even producing any energy for the town. "Using inland wind farms to generate power was ineffective" This shows that wind energy is only used for coastal towns and cities because they are getting a lot more energy from the ocean when the inland towns and cities down get too much wind. Another reason wind energy is ineffective in inlands is because the farmers don't even think they

are capable of producing energy which is bad because that is a waste of money for the town. “I don’t even think they are effective of producing energy” this shows that wind energy is ineffective to inland towns and cities because there is no coastal wind coming in to the town. But wind energy can be very effective to coastal cities because they are getting a lot of wind of the strong forces of the oceans.

Another Alternative energy is solar energy. Solar energy can be very helpful in many ways because solar energy can heat or light many homes or objects. An engineer from Massachusetts Institute of Technology invented a light bulb that gives homes in the Philippines light. “Millions of poor people in Manila, capital of the Philippines have no electricity.” That’s horrible to even think about because if they have no electricity that means that some people won’t have a lot of food which means that they will starve which means deaths. But the engineer thought about it and stored over 10,000 light bulbs to the poor people. “...has installed solar bottles bulbs in more than 10,000 homes”. That was such a great act because now people have light to ward off animals, light and warmth for their families. One last thing that the engineer did to help the Philippines is that they restore every family with new light bulbs every five years. “and they have to be replaced every five years” which is important because if they don’t work after every five years that means that one they won’t electricity and two they won’t be able to contact the company because of the lack of electricity. In Great Britain people made a plane that has no one controlling it inside. It flies by collecting energy from the sun and when night comes it uses the stored energy from the sun to fly in the night. “...called Zephyr, staying airborne for 14 days and 21 hours” this explains that it uses wind energy to fly because it probably stores the energy in a tank for the night when there no sun out. Another way this plane is very amazing is that it is only 100 pounds. “The Zephyr weighs about 100 pounds” which means it is very

aerodynamic uses the wind energy to fly very smoothly. One last very unique thing about this plane is that it uses energy from the sun to turn the propellers. "It uses energy from the sun to turn the propellers". That makes the plane unique because a lot of people are that smart to be able to use sun energy to turn a plane with no one controlling it.

Out of these two alternative energies I think that wind energy would be the best for Marlborough. One reason I think that is because the weather and topography of Marlborough is chilly, mild, and low land. Another reason I think wind energy would be better for Marlborough is because in Marlborough we get a lot of fierce winds most of the year so therefore wind energy would be better for Marlborough.

In conclusion I think that alternative energies would be better to use for the world and especially for Marlborough because what they have done for other countries and also what they have invented with them.