

Alternative Energy Is The Way To Go by Magdolin Shenouda

There are two types of alternative energy. One type of alternative energy is solar energy. Another type is wind. Solar energy is best for Marlborough.

Solar energy is “the radiant energy of the sun, which can be covered into other forms of energy such as heat or electricity”. High school and college students are creating their own cars that run on solar energy. “More than 700 high and college students gathered earlier this year in Huston, Texas, to display 69 homemade cars ... the student’s cars used very little gas making them friendlier to the environment”. This is great that students are starting to make these kinds of cars because then we will use less gas which means global warming will slow down because we are using the sun’s energy (which does not add CO₂ into the air). Something else that you should know about solar energy is that it’s cleaner. States, such as California are trying to keep its environment clean by using alternative energy like the sun and by cleaning up the pollution. California is trying really hard to stop pollution and keep everything clean “California’s effort to scrub its dirty skies and greenhouse gasses are well under way”. This is good that California is doing this because it is being a role model to other states, even countries. If other states and countries do what California is doing then soon global warming will slow down and we won’t have to worry as much about it anymore. Solar energy would help, especially if it ran our cars.

Another alternative energy is wind energy which is “the term given to any natural movement of air in the atmosphere. A renewable source of energy used to turn turbines to generate electricity”. The Watts Bar reactor that Tennessee Valley Authority is building is a wind mill on a farm. Oregon is also building wind energy plants. “The 845-megawatt Oregon wind farm will produce electricity only when the wind blows”. This is good for a place that gets a lot of wind (like Oregon which is on the coast and gets coastal winds) because every time the wind blows they’ll get power and they won’t have to pay an electricity bill. However, if the wind doesn’t blow there may be a problem. Finally, inventors are finding ways to make wind technology smaller, easier to use. Doug Selsam has made it easier to carry and install a wind mill in any backyard. “Doug Selsam has put a new spin on wind energy. He has compacted the

technology so it can be carried by hand and installed in any backyard. He calls his invention the sky serpent”.

Solar energy is better for Marlborough MA. One reason it is better is we get less wind and more sun. Last year Marlborough had 202 sunny days! Last year most of the days were sunny. Another reason is that Marlborough is not on the coast, like Boston and parts of Oregon and California so it doesn't get as much wind as it gets sunlight. A third reason is that Marlborough has lots of schools and the students might be able to work on making cars that run on sunlight, like the schools in Texas. Finally, Marlborough is a city and it is big. People own houses and not farms. Solar does not take up as much space – solar panels can go on your roof- as wind which it was in a back yard would take up the space you would want to put a pool, or playground, or garden in.

There are many different alternative energies. Solar and wind are two of the alternative energies available to help us slow down global warming. Both energies have good points. However, solar would be better for Marlborough because of Marlborough's location and size.