

Let's Get Tidal Power

By Abby

Don't you want to have water power as a safe and renewable energy source? We need to find a renewable energy source because fossil fuels are running out. You must take that into serious consideration.

Renewable energy sources are needed because we're running out of non renewable energy like oil and natural gases. (These things are bad for the environment. There are many other choices that are cleaner and are much better.) The alternative energy source we should use is tidal power. Tidal power is safe for the environment, doesn't need any fuel to power it, and costs no money. Although a minor drawback is that it's only available for around ten hours a day due to tides. It's an easy source to consider.

Tidal Power is great for the economy. It's good for the economy because it doesn't need fuel and there is no costs. You don't need to pay for it. If you live along the coast you're guaranteed to have tides which, where you can build the dams, to produce the energy that's needed. In addition when there is a full moon or new moon, energy that is normally produced will double because the tides will be stronger and higher. In the long run, it will be beneficial because you'll get more money from selling the extra raw power. Tidal turbines could supply Maine with steady and affordable energy. Maine has the largest coastline on the East Coast. The state would be a perfect candidate for building tidal dams, because of all the rivers and ocean access. Over twenty sites have been identified as main sources for tidal power in Maine. One dam in Northern France has been extraordinarily prosperous. It provides power for over 240,000 homes and businesses. These dams, once in use, will pay themselves off. Any money spent in the process of building them will be money back into the tax payers' pockets. Over the past 80 years the dam in France have saved tax payer's over 1.2million dollars. Tidal power will save you money.

Tidal Power is also very beneficial to the environment. There're beneficial because it provides safety to animals and safety to humans because it prevents flooding. It also acts as a defense for nearby homes. Some people think that we should use Nuclear Power, but did you know that it takes more then twelve nuclear plants just to have the same amount of power that one tidal dam can make in a year?

One tidal barrage in France generates 8,000 megawatts of energy. The dams cause very little pollution. On the other hand half of our pollution brought about on this earth has to do with things such as oil spills, and pollution caused by burning coal. These things cause global warming, and possibly another ice age for Europe. We can avoid these problems by making the change to tidal power, so keep that in mind. Another benefit to having tidal dams is that they don't need fuel. Imagine an energy source that doesn't demand oil and produces the same amount of energy needed. By not burning coal our air pollution will drop way down. That's very beneficial because with less air pollution, that is less bad air that humans and animals have to breath in their lungs. All that can reduce the number of people that die from lung cancer. One out of every one hundred and fifty-five people die of lung cancer each year. Think of all the people that we can save just by switching where we get our energy from.

A minor setback to having tidal power dams is that you can only use them on a twelve hour basis. The tides only change from high to low or low to high every twelve hours. When the

tides start to switch is when the power is made. We can fix that problem by building twice as many dams.

Tidal power is the way to go. Don't you want to have water power as a safe and renewable energy source? I do! We need to find some sort of renewable energy like tidal power because fossil fuels are running out, not to mention they are causing global warming. Look at the progress that the dam in France has made. They have created power for more than 240,000 homes and saved tax payers over 1.2million dollars. Also you can imagine an energy source that doesn't need fuel or oil and produces the same if not more amount of energy. We can adjust our problem with not being able to get more than twelve hours a day of tides, by building twice as many. We must make sure that don't rule tidal power out as a viable energy source. We must make sure that we have a clean earth, with safe energy sources for our children, just as we had when we were brought into this world.