

Tidal Power

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With the amount of fossil fuels decreasing, the cheap and efficient power of tidal energy should be considered. Tidal energy should be used as an alternate energy source because it is very efficient and produces no greenhouse gasses, though at the beginning it is quite expensive to build. Tidal energy works by the tide turning turbines and propellers, which then generates power in a clean way. One major benefit of tidal energy is that it is very cheap after it is installed, and another one is that it is clean without greenhouse gasses. A big drawback with tidal energy is that it is very expensive to build at first.

One of the benefits of tidal energy is that it is efficient and can make a lot of power. Tidal energy already makes 20 percent of the UK's energy. With all that power other fossil fuels can be replaced with tidal energy, because even if you only lower the amount of fossil fuels being used, that still reduces greenhouse gasses being released. Also there are places where tidal energy would be perfect if in a place with the right geographical features, like near the shore close to a city.

Another big benefit is that it helps the economy. Tidal energy can be very cheap if used for a while therefore you are saving money. The initial cost is a bit, but afterwards it is free. Also it can be used very shortly after installation, and is very reliable, because the tide is so predictable. The money you can save will be greater the longer the tidal plant is being run, which means the investment should be meant to last a while if it were to be cheaper.

One big disadvantage is that it costs a lot to build. Also there is a chance that it could harm marine life, and it does not generate power all the time. When the tide is not moving, there is no power being generated. These few problems are very small in comparison to the great benefits that come with tidal energy, and could also be fixed.

Those are some reasons why tidal energy is a great alternative energy source, because it can save you money, but more importantly it will help keep our environment clean. With even a percent of our power being changed into tidal, think of how much fossil fuel that would save which also saves pollution from being released into the air. Another huge reason why solar energy would benefit us is that it can also save you money. Tidal energy should be used more because of all its benefits, but it is limited to where it can be built. If all the places that could benefit from tidal energy used it, there would be a large decrease in the coal being used, which means a decrease in air being polluted.