

Wind Solar and Wave Energy

Most of the energy that runs our society today comes from fossil fuels. They are not in unlimited supply, however, and we should start now to find alternative sources of energy to prepare for what is to come.

Clean energy sources such as wind, solar and hydroelectric are becoming more and more popular and as their technology is improved they are also becoming cheaper and cheaper. The ultimate goal is to make them cheaper than fossil fuels so that we can wean ourselves off of fossil fuels.

Other types of renewable energy are also being developed, and many of them seem very promising. One of these energies is wave energy, which is garnering much excitement for powering cities in coastal regions.

Wave energy is the densest form of energy in nature, and it doesn't go away like the sun or wind might. Wave power generators have the capability to operate all the time.

A country which is famous for its surfing, Australia, already has many of these generators powering its homes.

An example of a wave power plant in Australia sits just off the coast of a city just south of Sydney. The plant weighs about 500 tons and can power about 500 homes on the coast. It also desalinates 2000 L of sea water everyday, almost enough for all of those homes it powers.

It is very sturdy - built to survive most major storms. Because it can generate power all the time, it can generate about 500kW of power. It cost about 4.7M to build.

Wave energy is still fairly expensive, but many experts believe that as its technology develops it may have the best chance of any alternative energy to become less expensive than fossil fuels.

About the Author

RenewableEnergyAtHome.Com can show you the best way to [build wind generators](#). At that site you can find the best way to get started. Cut your energy charges down to zero with [home wind generators](#).

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