

RENEWING ALTERNATIVE ENERGY FOR A SUSTAINABLE WORLD

We are blessed with so much sources of energy that we can use for our daily needs.

There are also lots of alternative sources of energy provided for all of us and the whole earth. Renewable powers are present in all corners of the world but these are only used by those who cannot afford or where availability is scarce of the technology of mechanical electricity.

Whether we talk about the energy of the wind, solar power or the energy stored in the recesses of the earth, these are all inexhaustible. However, it is we who have to find a way to tap these energy sources and transform them into something that can be used. Shifting to these renewable sources of energy is the need of the hour with the rapidly dwindling sources of conventional energy such as the fossil fuel.

This process of generating domestic energy may be quite easy if the steps to be taken are the ones used for turning fossil fuels into oil. By developing these steps further, the fossil fuels can be turned into different types of energy like gas, diesel, and petroleum. But the process it will take to develop these may cost our government a huge amount of money.

Though migrating or shifting to a new source of energy may be an alien concept since we are so used to petroleum, the truth is that it is essential for the progress and health of our planet.

This step will help us in controlling pollution, decrease global warming and even help us to continue living in the same kind of lifestyle that we have been used to.

Solar power is a renewable form of energy. Harnessing this form of energy involves buying apparatus which initially is more costly than harnessing the energy provided by the conventional fuels. However, we need to take this difference into our stride because this will happen when we make a change from conventional to non-conventional sources of energy. It's not practical to think that we can just switch to the renewable sources and just do away with all the conventional sources of energy overnight. The change will be expensive and gradual.

The process to generate electricity is actually not different from how electricity was discovered centuries ago by Michael Faraday, a British scientist. Electromagnetic induction is the most common method of transforming kinetic energy into electricity. There are six more methods aside from this, but working on all of these requires skills and knowledge to be able to develop a renewed energy that will benefit all of us.

These days the technology using photovoltaic devices has seen some rapid progress. However, the basic issue with the photovoltaic solar panels is that they are naturally more expensive than the electricity generated from the conventional sources of energy. Nevertheless, now there is a 40% leap in the capacity in places like New Jersey, Germany, California and Japan.

With the kind of progress that is happening, it is hoped that it won't be very long when solar power will be at par with petroleum in terms of the efficiency and the cost.

Creating or renewing the source of power or energy we have now is possible with different developments and researches. Whatever mistakes happened and committed in the past may be repeated once again, but the good thing is there are a lot of things that we can learn from them as new methods are being generated. It is good that children are now aware of the power and energy we get from the sun, wind, and earth through the help of educational programs. This will help each of us to be aware of how to protect our mother earth from being polluted by renewing alternative energy for the benefit of each mankind.

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