

Utilising The Science Of Renewable Energy

Renewable energy has been an ongoing resource for a long stretch of time. We as human beings wield our intellect, in order to discover and create new and innovative methods to function as a society, and ultimately take advantage of what is available to us. Recent developments have contributed to progressing renewable energy to amazing heights, as multiple organisations around the globe; spend their time and resources to help develop technological advances in relation to renewable energy.

Solar energy And Its Functionalities

In just one hour, the Earth absorbs more energy from the sun, than the entire human race in a year. This particular type of energy is known as 'solar energy.' Solar energy can very much produce electricity at a sufficient basis. Large scale solar power plants, located around the globe use a specific type of solar panel to absorb the energy from the sun and convert it into electricity. This ensures the use of electricity is accessible without the destruction of our environment. The sun is constantly beaming energy onto the planet which can very much be utilised, and it doesn't even need to be very sunny in order to utilise its benefits. Germany, which lacks sun more than most American states, has one of the largest solar power plants in the world. "The four-way solar cells can be used at the centre of a field of mirrors which are arranged to concentrate the Sun's rays." (ABC Environment, 2014) Solar energy has proven over time, that it can very much provide us with sufficient energy methods in order for us to maintain our daily functionalities. Solar energy comprises of heat from the sun, which are ultimately harnessed through the use of various solar power plants around the world. These power plants have very much been progressing over time, as entirely new and innovative methods allow us to create various forms of functionalities, which help contribute to the development of renewable energy.

Other Uses to Solar Energy

Electricity isn't the only benefit solar energy grants us with. Common domestic households use solar panels in order to heat water and multiple cooking functionalities. This allows us to save money and other resources on our daily functionalities. Solar energy is guaranteed to not pollute the earth upon usage. These days non-renewable energy is used at quite a rapid rate and in result our environment unfortunately suffers the consequences. "The energy review study by the British Petroleum shows that in 2011, the global primary energy consumption grew by 2.5%; natural gas consumption grew by 2.2%; and oil consumption grew by 0.7%" (Chiyembekezo S. Kaunda, Cuthbert Z. Kimambo, and Torbjorn K. Nielsen, 2012). In order to preserve our planets natural beauty and atmospheric health we must neglect old methods of energy consumption, and look to the future which is renewable energy.

References

- ABC environment website, 2014, last accessed on 19/1/2016 found at, <http://www.abc.net.au/environment/articles/2014/12/08/4144142.htm>
- Chiyembekezo S. Kaunda, Cuthbert Z. Kimambo, and Torbjorn K. Nielsen, Hydropower in the Context of Sustainable Energy Supply: A Review of Technologies and Challenges found at <http://www.hindawi.com/journals/isrn/2012/730631/>, 2012

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