

SOLAR ENERGY: ADVANTAGES OF SOLAR ENERGY

Solar energy is the energy that we get from the sun, as a result of nuclear fission reactions going on inside it. This energy is in the form of heat and light. Solar Energy is essential for a majority of living organisms on earth to survive. The plants, animals, certain micro-organisms, all survive due to the solar energy or by consuming substances which require solar energy to evolve. Not only does it affect living organisms, but also non-living things. For instance, many phenomena in nature like the wind, storms, rains, sea waves etc. are all dependent on this form of energy.

Having realized the true potential of solar energy and its importance, humans are now devising methods to utilize solar energy in our daily lives since it is a major source of renewable energy and in the fact that makes it all the more valuable.

Some well-known solar energy utilizing devices are solar cooker, water heater, solar cells which can be used in multiple devices.

To make it mandatory to utilize this source of energy to the maximum, many countries have set norms for building green buildings. These are energy efficient and are dependent primarily on solar energy. They also help in cost cutting.

Now in this first part about advantages and disadvantages of solar energy, let's discuss Advantages of Solar Power.

Advantages of Solar Energy

- 1) It is one of the most **readily available** sources of energy.
- 2) It is an **inexhaustible** source of energy.
- 3) It is an **uninterrupted and continuous** source.
- 4) Solar Energy doesn't give rise to any chemical or sound pollution.
- 5) It can be **used directly** for baking, drying. Devices like solar heater facilitate its use.
- 6) Solar devices can be **installed in remote**, inaccessible areas like forests, deserts, mountains, off-shore platforms, remote oceanic islands.
- 7) It is possible to produce Solar Energy in **large quantities**.
- 8) Poor tropical countries have locations which are advantageous for solar energy production.
- 9) More the number of solar units we have, the more units of energy will be produced. It is directly proportional.
- 10) It can be used directly in conjunction with other conventional or non-conventional energy supply systems.
- 11) Cost of maintenance is low.

Source: <http://www.ianswer4u.com/2012/01/solar-energy-advantages-of-solar-energy.html#axzz3Qs5RV0Sb>