

Solar Energy

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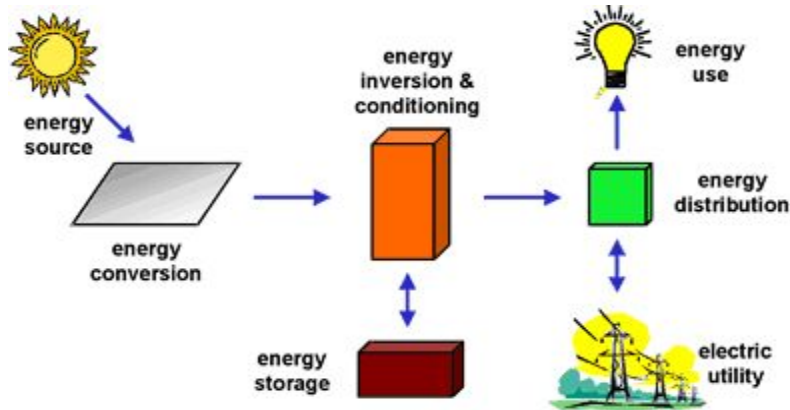
What is Solar Energy?

- Solar energy is an important source of renewable energy provided by the sun.
- This is power obtained by harnessing the energy of sun's rays.
- “Solar” is Latin for “sun” and its power source of energy.



Harnessing Solar Energy

- Solar energy is radiant light and heat that is harnessed by a variety of different technologies.
- We harness solar energy using things such as solar panels, thermal power plants and pv systems.



Solar Panels

- Solar energy is obtained from sunlight.
- Solar energy has been used by humans for a long time for uses such as heating and drying clothes.
- These days it is used to create electricity.
- Solar power is becoming more efficient.
- It provides only a small fraction of the world's energy supply



Advantages and Disadvantages of Solar Energy

Advantages:

- Solar energy is completely renewable,
- Creates absolutely no pollution,
- Very little maintenance is required to keep solar cells running,
- Solar panels are easy to install.

Disadvantages:

- Installation of solar panels is expensive,
- Solar energy can't be harnessed during a storm,
- Air pollution and weather can also have a large effect on the efficiency of the cells.