WHERE TO FIND SOLAR ENERGY PANELS ?

Solar energy is the heat and light that comes from the sun. Since the beginning of recorded history, humans have been using that heat. In the most recent past, people have developed ways to collect the solar energy and store it or use it in other ways. Using solar energy reduces the costs of energy over the long-term.

Only a miniscule share of the solar power is able to get collected. Guesstimates range between five 15%. How will we capture and use that energy? There are 2 basic classes : active and passive.

Actively Picking up Sunlight

Active methods of collection and use include using solar thermal collectors, photovoltaic panels for solar energy collection, pumps, and fan systems. The equipment used to run these can be electrical or mechanical, but the end result is a system has been manufactured to collect and process sunshine.

Passive Collection For Buildings

Passive collection is the opposite. It means taking advantage of the natural properties of sunlight. For example, it could be placing a new building in the right direction to take advantage of the sunshine, using materials that have light dispersing properties, or

designing places that offer good air circulation. These are generally measures that are done at the architecture and building stage, and are intended to provide life-long savings to the building owners.

And The Award Goes To.

So which wins between active and passive? They have different functions. Active is mostly considered the supply side of the equation. It is the part that provides more energy to the building and its people. On the other hand, passive solar strategies reduce the necessity for other resources and energies, and are regarded as demand side techniques. Both work well together, and is going to be considered whenever their use is assured.

Now, let's have a look at photovoltaic a. K. A solar electricity panels and where they're used.

Agriculture All About The Sun!

One prime place that solar power panels have been used is in the discipline of farming and horticulture. The more effectively growers can use the energy of the sun, the bigger their yield will be. There are numerous passive techniques incorporated ,eg stumbling heights between rows, timed planting cycles, for example. Some areas with a much shorter growing season have used fruit walls to help collect solar electricity. These help

to keep the plants warm and extend the growing season in a passive demeanour.

Solar energy has additionally been used for pumping water, brooding chicks, and drying crops. A prime use of solar electricity panels recently is to run grape presses at vineyards.

Turning On The Lights Naturally

Daylighting systems use daylight to meet the wishes for illumination within buildings. This effectively replaces synthetic lighting, and also decreases the necessity for air con. There are plenty of psychological advantages to working under natural lighting (instead of synthetic lighting) and

While much of a daylighting system is passive, incorporating careful window choices, etc., in some places solar energy panels collect the sunlight during the day to use throughout the building after the sun goes down. In Hot Water? Solar energy panels are very useful when it comes to heating water. Whether for inside the home for out in the pool, solar energy panels can greatly decrease the cost of heating water for all uses

Source : http://solarpowerissues.blogspot.in/2009/11/solar-energy-planels-where-to-find.html