

A CLOSER LOOK AT THE USES OF SOLAR PANELS

With the cost of utilities rising every year over the past few years, many people would like to know how to install and use solar panels. These panels are often viewed as an investment in the future that will save money on heating and lighting.

The effects of solar energy were first discovered by a physicist in 1839. It was at this time, during an experiment, that the effects of light on two metal electrodes were found to produce energy or electricity. The electrodes were placed in an electrolyte solution which when combined with the light, made the electricity.

Many researchers, inventors and scientists have wanted to put this energy to good use. In order to do this they needed to learn how to harness and direct the energy. The first experiment on the energy produced was on a water heater. After that product was successful, the popularity of the panels grew at an alarming rate. Every since its discovery in the 50's, the panels have become very useful in many ways.

One of the most amazing uses is the use in space. America was the first to build their equipment with solar panels that would supply other equipment with electricity. This was very successful. It helped increase the popularity of solar energy to an alarming rate. Most of the skyscrapers around the world are equipped with panels for solar energy at the top of the buildings. It has been very useful in warming and cooling the buildings without the extra energy costs. In some small buildings, light bulbs are lit using the power of solar energy.

The energy that is in the form of electricity is created by the silicon inside the panels. The impurities are extracted from the silicon causes the electrons to work harder to stay stable. This creates energy that can be harnessed and used for a number of purposes. The only issue of the panels is installation. Sometimes it can easily be installed by the building or home owner, if they are familiar with the process. If the job is bigger than normal, professional help should be called. To find someone in the area, look in the local phone book or do a little research on the World Wide Web. If the homeowner is not trained to do the installation, it is wise to call someone who is.

The notion of saving money on electric bills is the main reason most people choose to use solar power to assist in delivering electricity to a home or office. Utility bills have been on the rise over the past few years and anywhere the consumer can cut corners are sometimes a good idea.

Sometimes installing the panels can be a costly endeavor. There are not many companies that specialize in installing solar panels, so does a little research on line before attempting to do it yourself. It is also wise to call around and price check with the companies that do local work. Sometimes they will offer a free consultation and estimate.

There are many uses for solar energy, and the more we can put to good use, the more money we will save. To find more information on solar and other forms of alternative energy, do a little research on line or at your local library. It can be a solid investment for you and your family. Just remember, the more solar power you use, the less you will pay in future bills.

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