



What is Solar Energy?

As the video said, the sun is a mass of incandescent gas. It sends out huge amounts of energy each day. Most energy goes off into space. Only a small part reaches Earth.

How does solar energy work?

People put solar collectors on their roofs. Solar collectors (also called solar panels.) capture energy from the sun and convert it into thermal energy used to heat houses. Some toys and calculators have solar cells. Solar cells can turn light into electricity. Big solar cells can power a house.

How could solar energy be good for the United States?

Solar energy could be used as a main energy source in very sunny areas. A downfall to solar energy is that it only works in very sunny areas and also it is very expensive. Solar energy also does not produce a lot of energy at a time.

Is this technology widely accepted today?

Solar energy is not widely accepted in the United States or any major countries because the price is so high. It is also important to build them as close to the Equator as possible because the suns rays are more concentrated.

Does this energy have bad environmental side effects?

There are no specific environmental or social costs to solar energy except that it's expensive to use. However, you will not waste fossil fuels.

What will it do for Chesterfield County?

You may still be wondering, how will this help Chesterfield County? We have an idea that may be incredibly shocking. We're going to put solar panels on the roofs of people's houses. But S.E.U.P, what if it's cloudy outside? The solar panels will have a storage compartment that houses extra energy and distributes it as we need it.

The results...

Solar energy is an amazing replacement for electricity despite the high price and the fact that the sun isn't always out. So why not switch from electric to solar?