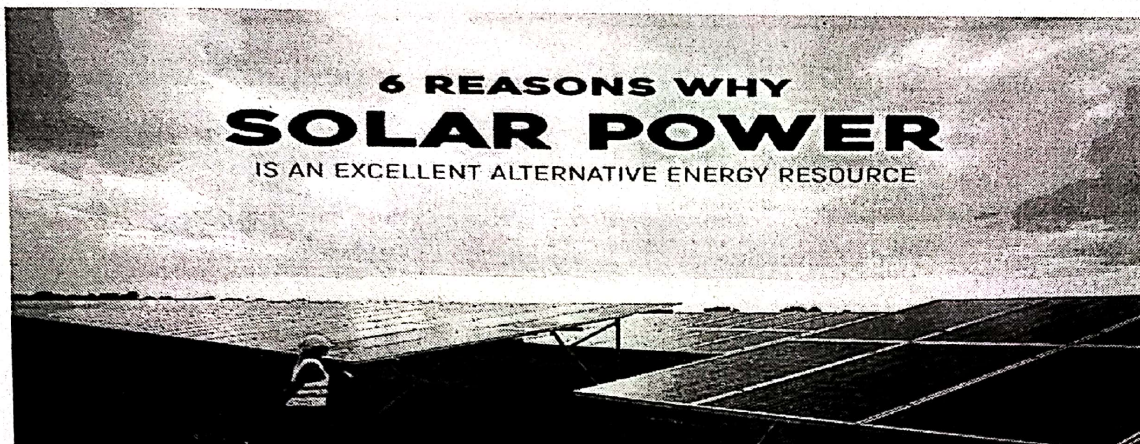


## Why solar energy is mostly opted energy :



### **6 Reasons Why Solar Power is an Excellent Alternative Energy Resource**

Solar energy is one of the most abundant energy resources on Earth. It is a renewable energy resource that can provide suitable power for your home's needs. It's also continuously growing in popularity nowadays since it can provide significant benefits to human and environment.

As a homeowner, the use of solar energy is a great way to contribute to a cleaner future. This renewable resource is a clean and safe alternative energy solution that can help reduce the production of harmful pollution. Hence, utilizing solar power can be an excellent way to fight climate change and help reduce your home's carbon footprint.

Apart from financial benefits, there are also other pertinent reasons why you can switch into utilizing renewable such as solar power. To give you more idea, here are a few reasons why solar power is an excellent alternative energy resource for your home.

#### **It's a Free Source of Energy**

The sun is the largest source of free energy you can utilize on this planet. It can provide enough power in just one minute that can supply the world's electricity needs for a year. The renewable energy resource like the sun is also a sustainable and inexhaustible resource.

Just like biomass, wind, hydro, and other renewable resources, solar energy is also an alternative energy resource that occurs naturally. It can provide your home with clean electricity and help power the place efficiently. Your photovoltaic cells can also help save money right from the moment you turn them on.

The benefits you can get from utilizing solar power are best visible during the long run. The longer you use your solar power system, the more you can save money by reducing your utility bills. Just like Astral Energy and other alternative energy providers, utilizing solar energy can also help make your place more energy efficient cost-effectively.

Apart from electricity, you can also use solar energy for your home's heating purposes. You can do the process by installing solar thermal systems and provide your house with free heated water. The system is also low maintenance which makes it an excellent investment for your home.

### **It Can Make Use of the Underutilized Land**

With the increasing needs for solar power nowadays, the use of this renewable power resource can become more accessible for every homeowner. Apart from providing suitable power for your home, solar energy can also make use of the underutilized land and generate substantial value for the area.

There are vast land areas from various countries across the globe that are far away from big capitals or cities. Most of these areas might not be used for anything at all. However, solar energy can make use of these underutilized land more conveniently by installing photovoltaic solar panels on the area.

Also referred to as a photovoltaic power station, solar farms are a vast, decentralized solar array that supplies energy to the power grid. The primary idea of having solar farms is providing suitable electricity for every homeowner even without installing these solar panels on their roof.

## **It Can Cause Less Electricity Loss**

Electricity is transported from big power plants to consumers via extensive networks. It also travels through the power lines where a proportion of energy may be lost due to these lines' resistance. Hence, long-distance electric transmissions would result in power losses.

However, utilizing solar energy as an alternative power resource can help reduce electricity loss. You can install photovoltaic panels on your roof to help generate suitable energy from the sun. Your rooftop solar power can also help increase electricity efficiency, especially on short distances.

The energy generated from your panels can become domestic which helps you control your home's utility bills and power usage effectively. Solar power systems are also durable, and reliable, so you can assure that they can provide enough energy to help power your home's needs more conveniently.

## **It Can Make Your Home Go Off-the-Grid**

Traditional electricity might rely heavily on fossil fuels such as coal. The power that they generate can be harmful to the environment since burning fossil fuels would emit the harmful greenhouse gases and other air pollutants. They also have limited resources which could result in a volatile market where energy prices become unpredictable.

However, utilizing solar energy can help boost your electricity independence. You can invest in solar power systems to help make your home go off the grid. The sun can provide your home with enough electricity that doesn't increase in rate. It can also help protect yourself against the unpredictability of the utility price increase.

You can install solar panels on your roof and technically reach an energy-independent status. You can also invest in solar battery storage systems to help store extra solar energy for later use. These solar batteries can provide your home with enough power especially during nighttime and rainy days.

## **It's Good for the Environment**

One of the primary benefits of utilizing solar energy for your home is that it can provide a clean, green source of power. The use of solar power is an excellent way to help reduce your carbon footprint that's harmful to the environment. It also doesn't release any greenhouse gases and other toxic chemicals.

Solar power is a self-sufficient renewable energy resource. Installing solar panels on your roof is a clean and safe way to help make the future more sustainable. Solar energy is also an excellent alternative energy solution that can efficiently power your home and help preserve the environment cost-effectively.

## **It Helps Improve Your Grid Security**

The solar cells installed in your roof functioned as a small power plant that can generate enough energy for your home. As a homeowner, installing these panels can help provide your place with efficient electricity and improve your grid security as well.

Moreover, utilizing renewable can help you save money by lowering your utility bills. It can also help avoid natural or human-caused disasters due to climate change. Since much of today's energy providers can cause air pollution, then the use of solar power can be an ideal way to fight climate change and contribute to a more sustainable future.

## **Types of Solar energy :**

