

Solar Can Protect Against Rising Energy Cost

Save Money

Qualify for a 30 percent federal tax credits and save up to 40 percent on your monthly electric bill using Photovoltaics. Photovoltaics (PV) is the technology that converts the sun's light into electricity.

Save the Environment

The average solar energy system in Houston prevents about 8,000 pounds of CO₂ emissions every year - the equivalent of keeping over 200 cars off Houston streets for a day.

How A Solar Energy System Works

1. The sun's rays hit the solar panels
2. The solar panels make Direct Current (DC) electricity
3. DC electricity runs to an inverter
4. The inverter converts it into Alternating Current (AC) electricity for everyday use

When your solar power system produces more electricity than you are using, it actually can turn your meter backwards. Some utility companies credit you for the excess amount of electricity you produce at retail price.

The solar system is monitored for performance so you can check the amount of electricity you produce and the amount of pollution you eliminate at any time!

What You Need to Make a Solar Energy System Work

All you need is at least 100 square feet of un-shaded roof area facing predominantly southward (a little to the east or west is okay).

Other Features and Benefits

Longevity

Solar energy systems produce electricity for 25 years or more.

Easy Maintenance

Solar energy systems are reliable, durable and virtually maintenance-free. Not only that, but solar panels are designed to withstand significant temperature changes, hail up to 1 inch at 50 MPH, and up to 150 MPH winds.

Appreciation

As a home improvement, solar energy systems have been shown to add \$20,000 to a homes value for every \$1,000 in annual electricity savings. And since electricity rates continue to rise, you can expect the value of your solar energy system to appreciate more rapidly.

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