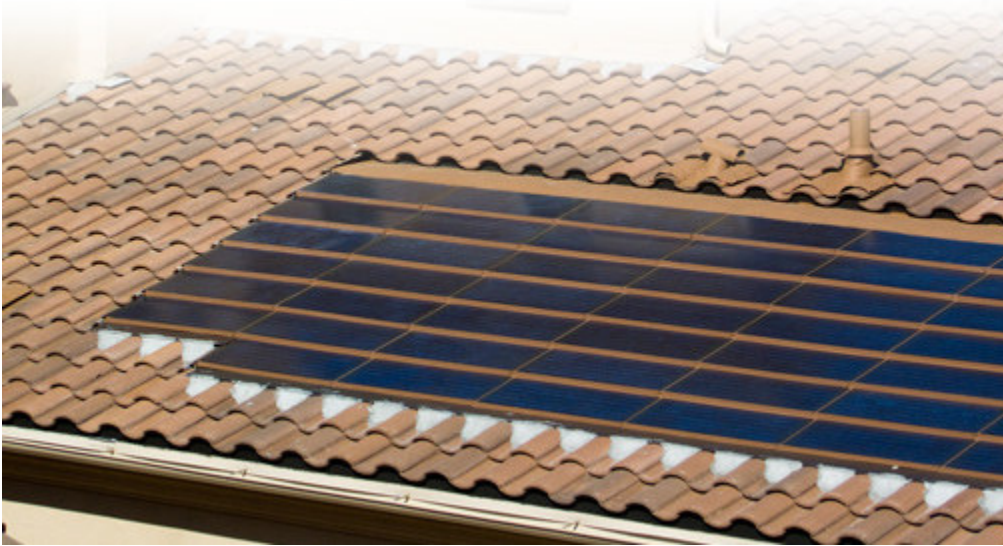


Eagle Roofing Products® and Suntech PowerSM have formed a partnership that has resulted in the Eagle Solar Roof with SolarBlend™ from Suntech, a system that maintains the aesthetics of a tile roof while generating clean, safe, efficient electricity from the sun. The Eagle Solar Roof is easy to install on residential, commercial or institutional pitched roofs and is appropriate for use in new construction or reroof.

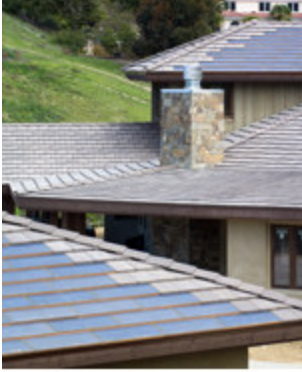


A durable, reliable solar choice

- 25 Year power warranty Free internet monitoring system for 10 years
- Class A Fire Rated System Installation
- Wind load rating of up to 125 mph (with wind clip)
- Most advanced building integrated photovoltaic solution available
- Beautifully and unobtrusively integrates with concrete tile roof
- Designed to help prevent leaks
- Provides quiet, safe and reliable power generation

Saving you money every month

- Significantly reduces monthly energy bill
- Get credit from your local utility for power your home produces
- 30% Federal tax credit is available
- Adds significant resale value to the home
- Protect yourself from utility cost increases
- Rest assured in your low maintenance, state-of-the-art system
- Should you experience issues, please contact the customer service hotline at 888-779-4844



Monthly Energy Savings, a California Residential Example*

Energy savings will depend on electricity use, sun hours and the size and orientation of the solar system. See below for an example of energy savings from a northern California residence.

| | |
|--|-----------------------|
| Monthly electric bill | \$238.14 |
| Monthly electricity use | 956 kWh AC |
| Solar system size required to remove top most expensive tiers | 5.3 kW DC |
| Monthly electricity production from solar system | 662 kWh AC |
| Monthly electricity consumption from utility | 294 kWh AC |
| New monthly electric bill | \$34.71 |
| Monthly savings | \$203.43 (85%) |

***This is a California residential example. Other areas may see different results**

Increased Appraisal Value

"A solar electric system increases home value by \$20,000 for each \$1,000 in annual reduced operating costs, according to the Appraisal Institute. ... That is to say, if a solar system can reduce the electric bill by \$1,000 per year, the home is worth about \$20,000 more in increased appraisable value.

A solar electric system compares very favorably with other home improvements in percentage of cost recovered. Often, a solar system can recover much more than 100% of its cost and this percentage actually increases over time as electric rates rise."

Andrew J. Black, *Why Is A Solar Electric Home Worth More?*

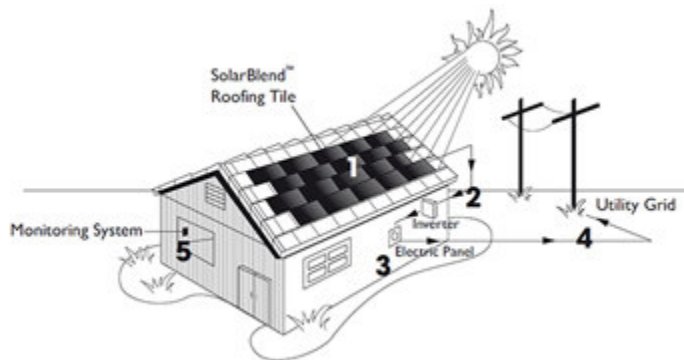


Environmental Responsibility

Each month, a two kilowatt solar roof can significantly and positively impact the environment in the following ways:

- Prevent 300 lbs. of coal from being mined
- Prevent 600 lbs. of CO₂ from entering the atmosphere
- Prevent 210 gallons of water from being consumed
- Prevents NO and SO₂ from being released into the environment
- Help you preserve precious resources for your grand children
- Allow you to feel good about being environmentally responsible

Source: Solar Energy International Organization



How solar works

1. The sun's light produces energy that is collected by SolarBlend roofing tiles.
2. The energy collected is channeled to the inverter.
3. The inverter changes the DC electricity to AC electricity for household use.
4. AC electricity not used by the house is fed into the grid.
5. Monitor system performance over the internet.

Your solar system size depends on your solar goal

- You can create any size system.
- More panels means more solar power produced.
- It just depends on what you want the system to do.
- You can choose to produce enough solar power to reduce your energy bill by 25% or 50%.
- You can choose to produce enough solar power to keep your energy use through the utility below the highest priced rate tiers.
- You can choose to produce enough solar power to stop using energy from the utility grid. That is to say that you can net out to zero electricity supplied by the utility grid.

Sizing a solar system, a California residential example

1. Use your past electric bills to estimate annual kilowatt hour (kWh) usage.
Example: A California household used 8,600 kWh AC last year.
2. What do you want your solar system to do? How many kWh will your system need to produce to fulfill this goal?
Zero out electric bill (if possible) Remove most expense tiers on electric bill Install the largest solar system possible
Example: The homeowner wants to offset all of their energy usage, or as much as possible given roof space and other factors. The goal is to produce 8,600 kWh AC per year with the solar system.
3. Determine which roof plane is facing the optimal direction (south). Determine the tilt of this roof plane and the square feet available for the solar system.

Example: This home has approximately 300 square feet of unobstructed, un-shaded south facing roof available for solar panels. To produce 8,600 kWh AC per year, this home would need a 4.7 kW AC (5.75 kW DC) solar system.

$$8,600 \text{ kWh AC} / 365 \text{ days} = 23.5 \text{ kWh AC per day}$$
$$23.5 \text{ kWh AC} / 5 \text{ sun hours per day} = 4.7 \text{ kW AC (5.75 kW DC)}$$

or

$$8,600 \text{ kWh AC} / 1,500 \text{ kW DC} = 5.75 \text{ kW DC}$$

4. Determine the system size and annual kW AC production.

Example: As only 300 square feet of roof space is available for the solar system, the largest system that can be installed is a 2.45 kW AC (3 kW DC) system.

$$100 \text{ square feet} = 1 \text{ kW DC}$$
$$300 \text{ square feet} = 3 \text{ kW DC (2.45 kW AC)}$$

This 3 kW DC solar system will produce approximately 4,500 kWh AC per year which is a more than half of the 8,600 kWh AC that the home uses annually.

$$2.45 \text{ kW AC} \times 5 \text{ sun hours per day} \times 365 \text{ days} = 4,475 \text{ kWh AC per year}$$

or

$$3 \text{ kW DC} \times 1.5 \text{ kW AC} = 4.5 \text{ kWh AC per year}$$

Monitor the success of your system.

An internet based monitoring system is provided free of charge with the Eagle Solar Roof. See real-time graphs showing the power out put of your system and track performance over time. You see the results of your investment immediately



Installation

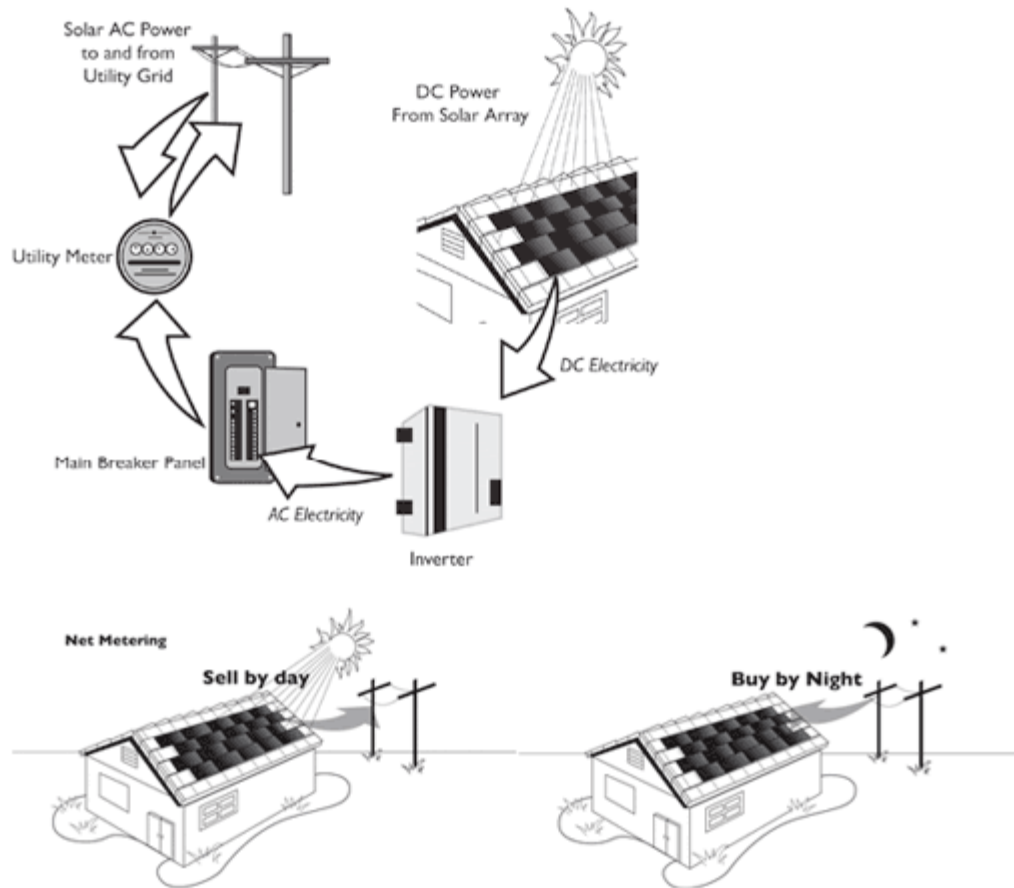
Installation is simple and can be done by an authorized roofer, electrician and/or solar integrator.



Net Metering

When your solar system produces more energy than your home uses, the excess is sent into the power grid. Your utility will credit you for the excess energy that your solar system produces. The inverter changes the electricity from DC into AC. At night, when your solar system is not producing energy, you will draw electricity from the grid. Your credited electricity will be used before you are charged for using electricity from the grid.

NET METERING



Rebates & Incentives

Federal, state and utility rebates and incentives are available for almost all areas.

Federal Rebates & Incentives

For both new construction and existing homes, a 30 percent federal tax credit is available for residential solar systems. Visit www.irs.gov for more information.

State Rebates & Incentives

State rebates and incentives vary greatly and can change frequently. To find the most up to date information about solar rebates and incentive in your area, please visit the Database of State

Incentives for Renewable Energy

Utility Company Rebates & Incentives

Many utility companies offer rebates and incentives for solar system used in residential applications. It is best to check with your local utility company to determine what is available to you. Find out how much money solar can save you with these calculators

Find Solar - Solar Calculator

Calculate a rough estimate of the size and cost of a solar system in your area.

National Renewable Energy Laboratory - PV Watts On Grid Solar Calculator

Determine how much energy you can save annually by installing photovoltaics.

California Energy Commission - Clean Power Estimator™ 

Determine system cost, energy production, payback timeline and more.

Download informative product brochures and more **Visit our product literature page** to download more information on the Eagle Solar Roof.

Information from: http://www.eagleroofing.com/greenBld_eagleSolarRoof.htm