

# The **PERFECT** Combination

*The HOTTEST Alternative Energy Source  
combined with the COOLEST Roof Alternative - METAL!*



**RIGID**  
GLOBAL SOLAR

[www.RigidBuilding.com](http://www.RigidBuilding.com)

# Rigid Global Solar - offering Building

## Cost Comparison

By looking at a new roof with a solar power system as a single asset, i.e. The Solar Roof, a metal roof proves to be a less expensive option than a conventional roof! Because the installed cost of Photovoltaics (PV) on metal is so much less than that of conventional roofing, the total cost of a metal solar roof is actually less expensive... if installed the right way!

Although the cost of a metal roof is slightly higher than a conventional roof, the cost to add solar to a metal roof outweighs the difference ... and then some. The initial mounting cost of PV on a conventional roof requires racking components, anchorage, waterproofing, racking assembly and labor ~ approximately \$9 per square foot\*.

The initial mounting cost of PV on metal roofs includes seam clamps, panel clamps and labor ~ approximately \$2 per square foot\*.

Because the metal roof and advanced solar panel mounting techniques, the metal roof saves enough money to pay for the longest lasting roof on the market - Standing Seam Metal Roofs.

\*Estimated cost - actual cost may vary.

## Superior Appearance

While racking systems are a necessity of mounting PV systems on conventional rooftops, architects concerned with aesthetics are especially appreciative of the new direct attachment methods that are proving racking to be an unnecessary expense. On metal roofs, thin film laminates and direct attached crystalline modules both allow the solar systems to respect the roof lines that the architect designed rather than detract from it.

## The Real COST



*"The first thing building owners need to be aware of is that most roof-mounted PV systems can easily last up to 40 years, while the commercial [conventional] roofing systems they are attached to typically have life spans of between 10 and 13 years."*

Source: Great Expectations; Gary Kassem;  
Construction Specifier Oct 2010

**Crystalline Solar**



**PV Laminate Solar**



# Solutions and Energy Saving Solutions.

## Sustainability

### Metal Roofing Sustainability

- Manufactured using recycled materials
- Metal roofs are 100% recyclable
- High energy efficiency - lower heating and cooling costs
- Impervious to UV degradation and weathering
- Qualify for LEED points
- Easily meets Energy Star® requirements

## Energy Efficiency

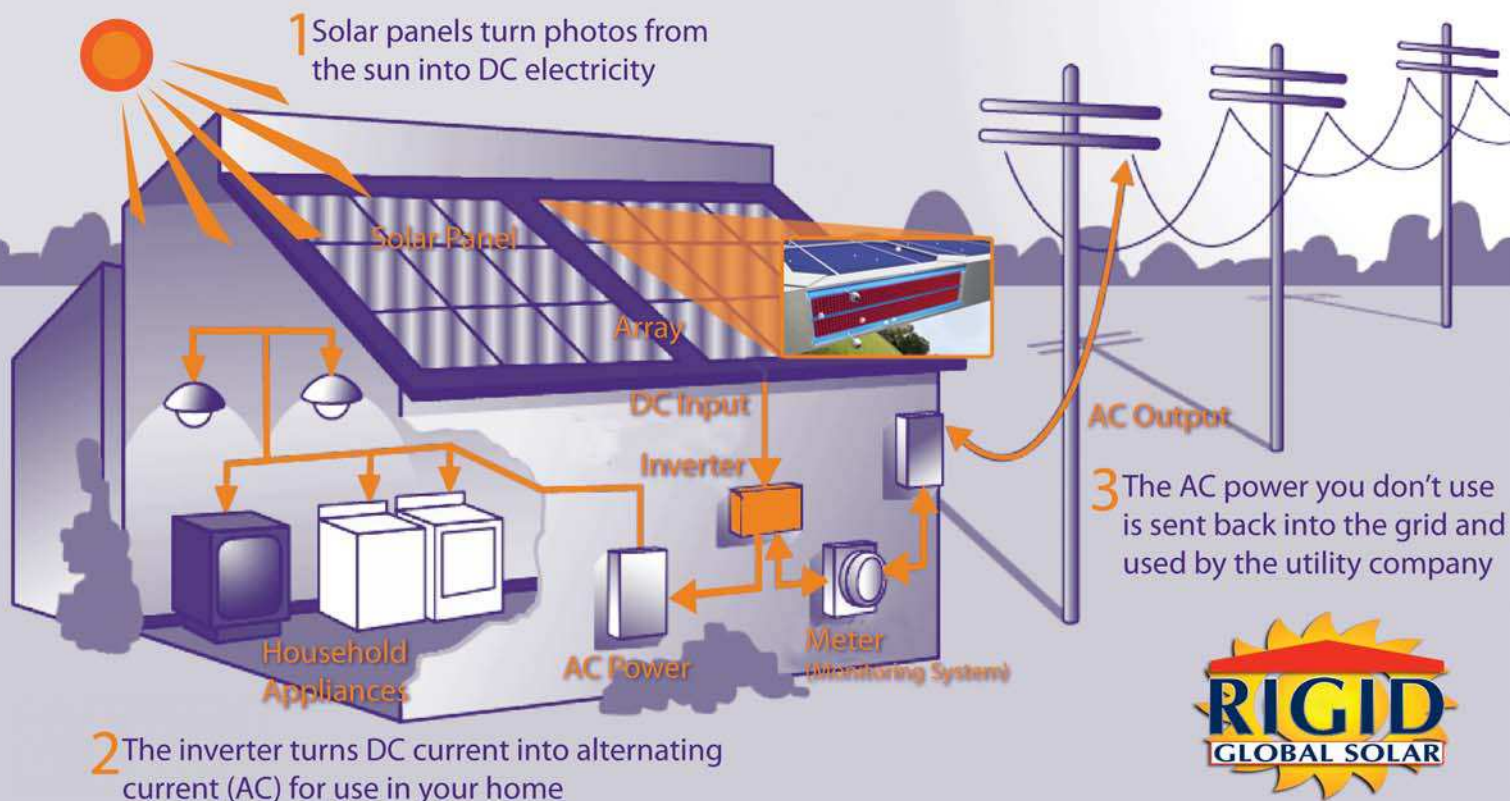
- Solar panels cast shade, lowering rooftop temperatures during daylight hours
- Reducing cooling costs
- Sun to shade difference = 56° F  
- 33% reduction in rooftop temperature.
- Air flowing between the solar panel and the roof
- Effectively cooling the roof

## Rigid's Green Initiative

Rigid has committed to providing the highest quality sustainable products available in the industry today which is why the decision to offer a renewable energy source in conjunction with our metal buildings and metal roofing was an easy one to make. To enhance our energy efficient offering, all of Rigid's color choices are Energy Star approved, have SRI values as high as 94, SR values as high as .74, and TE values as high as 0.87 (easily qualifying for California Title 24 Energy Building Code). In addition to offering Energy Efficient roofing, all of Rigid's products are made with recycled material and at the end of its natural life, metal roofs, and metal buildings can be recycled again to continue the life cycle of the natural product.

## HOW IT WORKS

To learn more about Solar contact Rigid today at 888-GO-RIGID.



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Ask how your Building can be ***SOLAR-Ready!***



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