



**EnerGen**<sup>TM</sup>  
A POWERFUL SOLUTION

**SOLAR ROOFING by CERTAINTEED**



**CertainTeed**  
SAINT-GOBAIN



# BEAUTIFY

## Solar for a New Generation of Roofing

CertainTeed's EnerGen™ Photovoltaic Solar Power Roofing System is specifically designed with the building professional and roofing contractor in mind. EnerGen™ is easily integrated into traditional asphalt-shingle rooftops. Once installed, the EnerGen™ System is aesthetically-appealing to homeowners because the thin-film laminates lie flush with the remainder of the traditional roofing shingles.

- Structurally integrated for a sleek and seamless look
- Requires no roof penetrations
- Flexible in size to fit a multitude of roofing configurations
- For remodeling or new construction
- Lightweight, no need for structural reinforcement
- Durable and resistant to wind uplift
- Produces energy in low and diffused light or partial shade

The easy-to-install system comes in pre-engineered kits that can be applied simultaneously with traditional asphalt shingles by a trained roofing contractor. All components necessary for installation are provided in the kits for added convenience.



# Environmentally Friendly

CertainTeed has always been committed to providing customers with quality roofing systems that protect them from the elements and beautify their homes. CertainTeed has earned a reputation for delivering superior products by investing in superior innovation for more than 100 years.

CertainTeed's goal is to take that commitment to innovation even further by combining roofing protection and style with a reliable, sustainable solution for consumers' energy needs. It's with that in mind that CertainTeed is developing a portfolio of rooftop-integrated photovoltaic solar power systems both commercially and residentially.

EnerGen™ is powered by **UNI-SOLAR®** photovoltaic laminates, the leading producer of PV thin-film laminates. The lightweight and flexible design of the **UNI-SOLAR®** solar cells make them ideal for integrating directly into CertainTeed's roofing products.

# RENEW

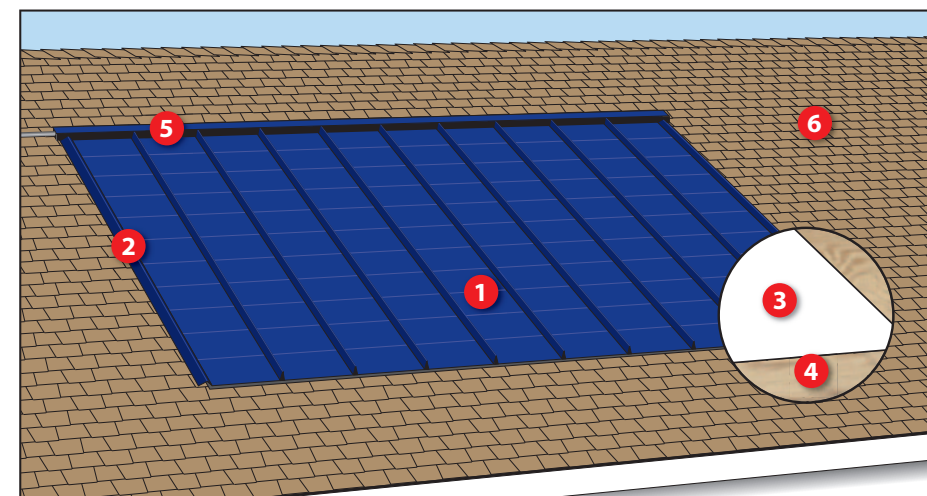
## The Renewable Revolution

Demand is growing for renewable energy sources, and there's no source more abundant than the sun. Solar power creates clean, renewable energy, helping to reduce society's carbon footprint and combat global warming.

These environmental benefits combined with the reduction in monthly utility bills allow consumers to shield themselves from rising energy costs while making a positive impact on the environment. Consumers will reap the benefits almost instantaneously upon installation of the EnerGen™ system.

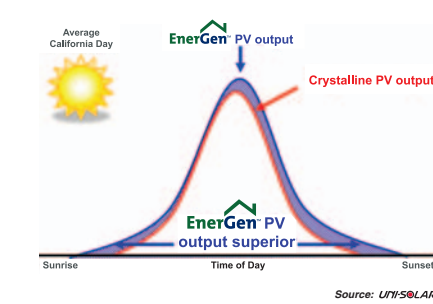
Utility bills will decrease once the system is properly installed. The installation of a solar power system will not only help control costs, but it could increase the resale value of a home.

Solar power is a proven technology that helps consumers do their part to reduce society's harmful impact on the environment. With new tax incentives at the federal, state and local levels, solar power can be more than just a dream. CertainTeed Roofing is bringing solar power to the masses.

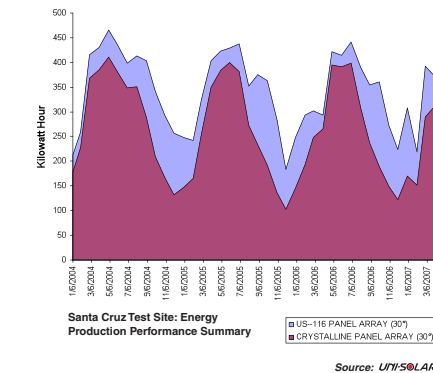


# EMPOWER

## How EnerGen™ Works



EnerGen™ laminates produce energy for a longer portion of the day and perform better in real world conditions vs. crystalline solar panels per watt installed.



EnerGen™ can yield up to 20% more electricity per watt installed compared to conventional crystalline solar panels.

- 1 EnerGen™** thin-film laminates are flexible photovoltaic modules that can be easily applied for roofing-integrated solar solutions.
- 2 Framing** allows the laminates to be positioned correctly while providing symmetry and improved aesthetics to the system.
- 3 Underlayment** provides a clean surface for the EnerGen laminates to adhere properly.
- 4 The Roof Deck** provides a solid surface to secure the underlayment.
- 5 The Top Wire Cover** protects the electrical connections and provides easy access for electricians.
- 6 Traditional Asphalt Shingles** surround the EnerGen™ system seamlessly.



**ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:**

ROOFING • SIDING • TRIM • WINDOWS • DECKING • RAILING • FENCE  
INSULATION • GYPSUM • CEILINGS • FOUNDATIONS • PIPE

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