

# SUNSLATES®

*More than a roof over your head...*



**SOLAR ELECTRIC ROOFING TILES  
BY ATLANTIS ENERGY, INC.**



**POWER & SECURITY**



# SUNSLATES®

*...a roof that pays your electricity bill every month, pays for itself, saves clean air and water and looks beautiful.*

**Perhaps the cleanest  
of all power sources**

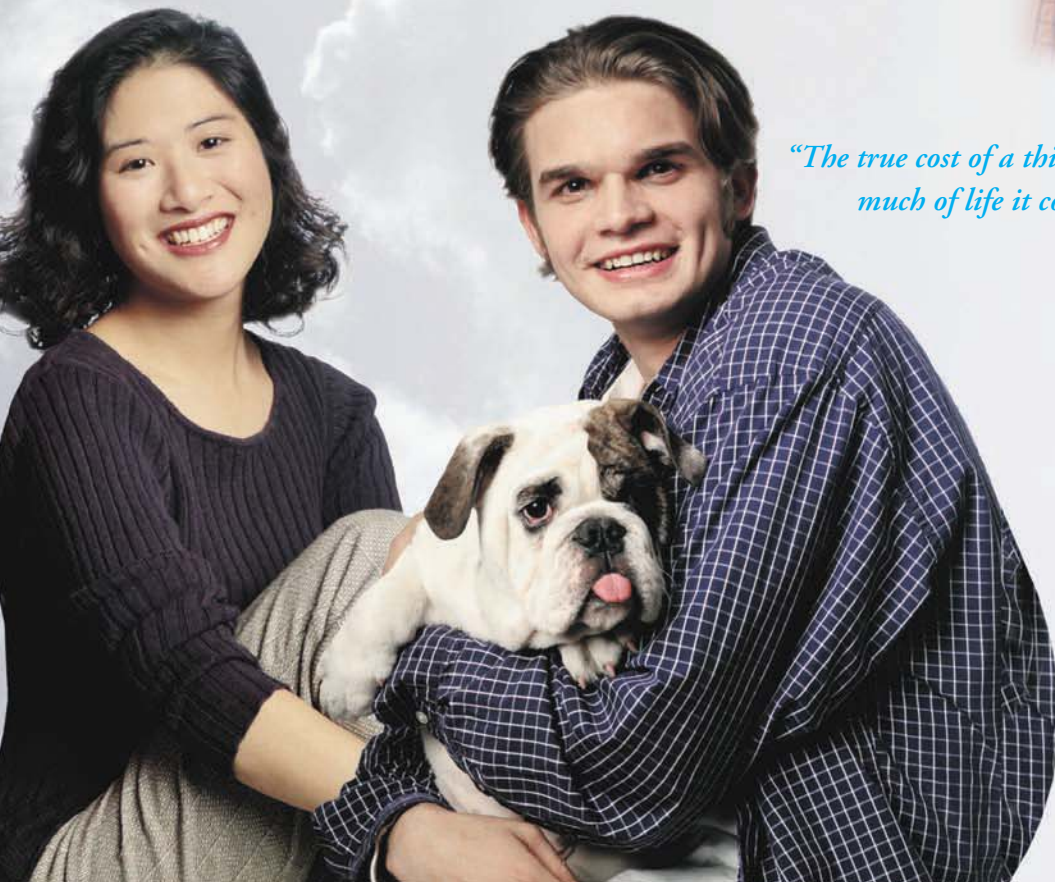
*Only 400-600 sq. ft. of roof surface provides  
up to 100 % of the electrical power for a  
2000 sq. ft. house in California.*

**S**UNSLATES® marry silicon chips to a slate-like roof tile creating electricity from sunlight. A portion of south-facing roof can provide up to 100% of the electricity that your family uses. No batteries are needed. The surplus power feeds into the utility grid and becomes available to you whenever needed. The SUNSLATES® power can also be backed up with batteries in case of emergencies. An estimated 1/3 of all CO<sub>2</sub> emissions are linked to electric power generation. A recent California utility study found that over its thirty year life, a typical 4kW Power Roof™ system can save nearly 250,000 lbs. of coal, or 17,200 gallons of oil. In addition, each PV roof will reduce the production of atmospheric pollutants by over 400,000 lbs. of CO<sub>2</sub> (greenhouse gas), and nearly 3,000 lbs. of sulfates (acid rain).

The price of SUNSLATES® is more than conventional roofs, but the cost is far less.

*"The true cost of a thing is how  
much of life it consumes."*

*Thoreau*



**NET ME**



# A new house is more than a place to live

A new home is a fresh start...A new way of looking at your family and community. What better way to provide for family well being in a new home than with a SUNSLATES® Power Roof™; providing clean electrical power while paying for itself.



## TERING

You can now get credit for the power your SUNSLATES® produce. The utility company holds the excess production in the power grid. You draw down credits at night. They pay you the same as they charge you, up to 100% of your house power demand. No batteries needed.



# Clean power that benefits your entire neighborhood.



**S**UNSLATES® Power Roof™ not only provides power for your home, it provides for your neighbors as well. During the day, especially in the summer, SUNSLATES® will be making a surplus just when the neighbors and the utility company need it most for air conditioning loads. Thanks to your SUNSLATES®, utility brownouts are lessened and additional power generating plants are not needed. The utility then pays you back at the same rate as they charge you for the excess power generated. You can draw these credits at night or whenever you need them.



The SUNSLATES® Power Roof™ is in for the long haul with a life expectancy of over 50 years. The roof has been tested to sustain temperatures of -30°F to 170°F.

Imagine what you will have to pay for electricity this year, or the next 20 years. Now imagine being able to recover that money whenever you sell your home... you're getting the picture!



# Another bill...or investment?

**S**illy question! SUNSLATES® make the answer obvious. You keep your monthly electricity bill invested in your home. Plus, you are eligible for Federal EPA Energy Star mortgage point discounts as well as interest rate tax write offs.

## A roofing product at peace with the world.

Each SUNSLATES® tile produces Direct Current (DC) electricity. The combined output of the Power Roof™ is harvested and transferred to an inverter that changes it to AC power. It is then tied to the electric meter turning it backward as soon as it begins producing more power than the house is using. Your budget, your homes' value and the environment are protected.



# SUNSLATES®

*More than a roof over your head...it's*

- The new gold standard of beautiful roofing and power integration.
- Responsible stewardship of earth's resources. Put SUNSLATES® and Atlantis Energy to work for your family.
- Return on your investment. Whenever you use electric power in your home; even after the system has paid for itself.



- Security for your home. SUNSLATES® have passed tortuous UL tests for electrical integrity. They are the first PV roofing product to pass UL's Class A fire safety 790 test (see below).



Each SUNSLATES® tile has passed a battery of quality assuredness tests prior to shipping. Each has a UL sticker for passing the UL1703 tests for PV. It also passed a rigorous UL 790 roofing test for fire (shown here.) It qualifies as a Class A fire resistant roof.



# Non-Residential

**W**ith SUNSLATES® on the sun-facing roof, any building becomes an electric power generator pumping clean renewable power into the community. Imagine schools, houses of worship or even barns contributing to the power solution.



**Kit Carson Middle School,**  
Sacramento, California



**Hospital,**  
Bergdorf, Switzerland



**National Stables,**  
Bern, Switzerland



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# Other Products from Atlantis Energy

We manufacture a variety of building integrated photovoltaic modules for the construction industry. Virtually any application of glazing materials can be substituted with photovoltaic glass including skylights, vertical glass façades, sloped glazing and shading/louver applications. We also produce custom PV modules and OEM products for a variety of industries, including solar LED path and street lights. Atlantis Energy Systems Inc. provides total design & engineering services, onsite supervision, training or complete turnkey installation as needed.

# The Future is Now. Atlantis Energy

Atlantis Energy Systems Inc. is a Delaware Corporation with locations in New York, Virginia and California, specializing in electricity generating building materials. With Swiss engineering and American design and manufacturing, we have combined the best of both worlds to provide a level of independence and environmental quality that is unsurpassed. Our products now make it possible to design building exteriors that provide power for the interior while acting as a weathering skin. Form and function from a non-polluting power source.... Imagine the possibilities.



- Clockwise from top:*
- 1) Shade Louvers, CalTrans Headquarters, Los Angeles;*
  - 2) Item #2 description;*
  - 3) Solar LED path & street lights;*
  - 4) Denver Federal Courthouse, Denver, Colorado;*
  - 5) The award-winning SunSail.*

**Atlantis Energy – Building Innovations In Photovoltaics.**  
**For dealers and for more information, visit us online at**  
**[www.atlantisenergy.org](http://www.atlantisenergy.org)**