

# Power Shield Solar Roof



Metal Roof Tiles with Solar  
Low Life Cycle Costs  
Net Zero Energy Buildings  
Light weight & Patented



Improve Your Property Value

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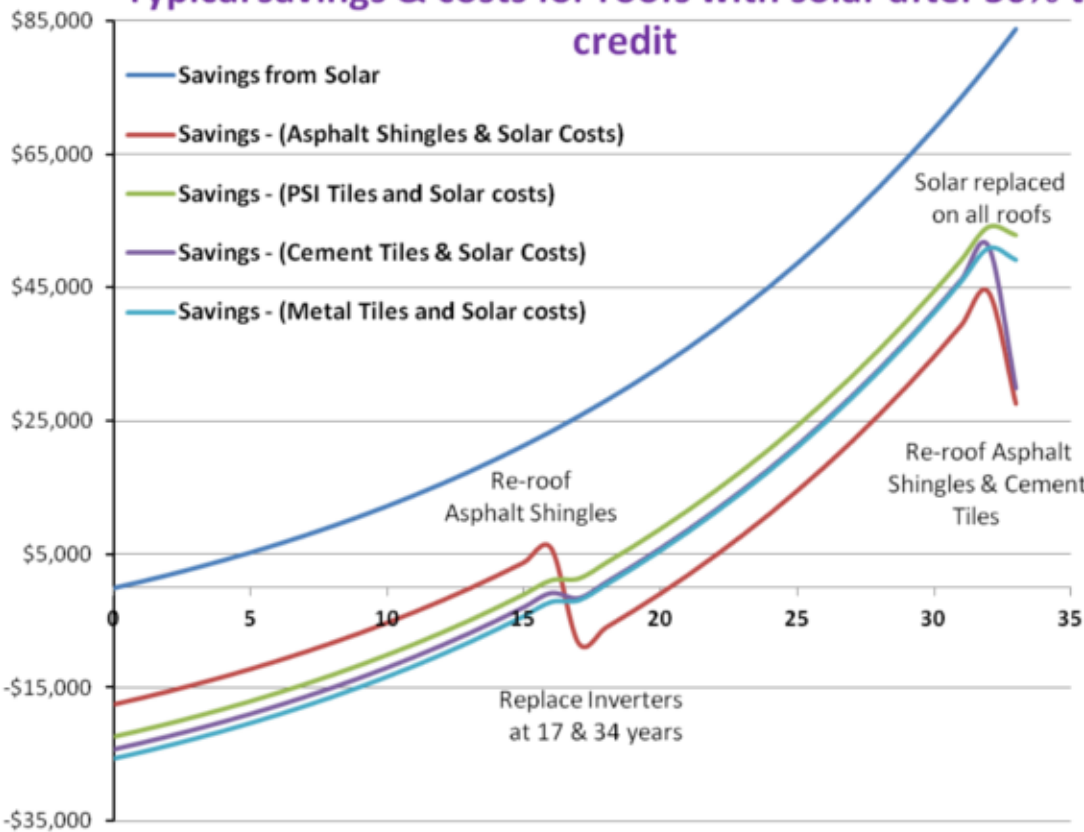
Power Shield, Inc.



# PSI Solar Roof Tiles

**New construction or existing roof - lightweight PSI tiles enhance the beauty of your building.**

**Typical savings & costs for roofs with solar after 30% tax credit**



The upper graph shows typical inland California cumulative energy savings from energy production for a 1,750 square foot house with 3,000 watts (3 KW) solar on various roofs.

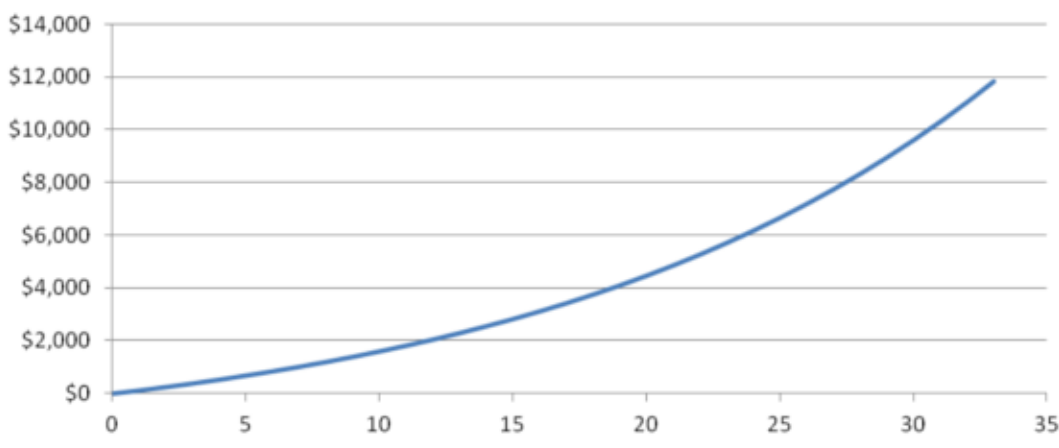
The PSI tiles cover 1.8 square feet and the solar version of the tiles have 18 watts power each.

The lower graph shows energy savings through the tiles cool roof coating, above roof deck ventilation, radiant barrier and an insulating separation between the roof deck and tiles. Studies have shown a 15-30% reduction in heating and cooling costs (over roofs with asphalt shingle roofs) for some locations with this metal roof configuration.

Metal tiles last about 40-60 years, are not combustible, and PSI tiles are securely fastened to the roof deck to withstand high winds.

Metal roofs improve property values and have historically maintained their value over time.

**Added Energy Efficiency Savings with PSI Tiles**



Whether you are designing for Net Zero Energy/LEED certification or are looking to re-roof and add solar at some point, it makes sense to look at the total costs and effects on the property values over time.

Putting solar on an old roof means added costs when re-roofing. PSI roofs have lower life cycle costs than most other roof and solar combinations.

You will have more than your renewable energy investment to be proud of with the Power Shield tiles on your roof.

**Available from authorized roofers and distributors.**