

# Solar Roof Decking (SRD)

Without tax incentives, Solar Energy has a low ROI for commercial property & home owners because they must be installed by specialists that have much soft costs & profit.

**Solar Roof Decking** is designed so non-skilled DIY and roofers (& certified electricians) can install our solar panels on homes & planned to be sold as off-the-shelf at Home Depot / Lowes at \$1.25 per watt. A standard 4'x4' panel will produce 250 watts and is constructed from 5/8" OSB or plywood sheathing.

**Solar Roof Decking** is a PV Solar Assembly, glued to an industrial roofing membrane that covers an OSB. **SRD** is designed to be mounted on purlins which can be mounted on roof truss, on existing deck board, and over existing asphalt roofing. It produces a welded, waterproof seal. **It replaces your roof!**

Optimum setup: 4 **SRD** panels feed 4-input 1,200 watt microinverter located within self-solar-powered 9.48-watt fan/vent louver that cools microinverter, attic, and 4 panels.

A major roofing manufacturer has tentatively agreed to manufacture the PVC membrane covered roof sheathing, referred to as **Rubber Roof Decking**. This will open a major market to them while saving up to 13 million barrels of oil/year for the production of asphalt shingles.

Led by Doug Thorpe w/30 years experience as PI for SBIR/STTR. Former Dir of R&D where he developed a new product line of 9 UVC products in 9 months; one was an autonomous robot.

