



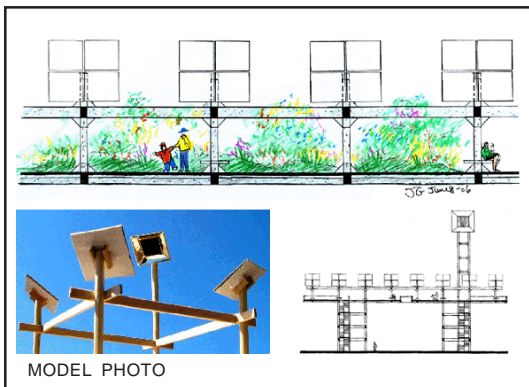
PVO Pergolas

More solar pergolas



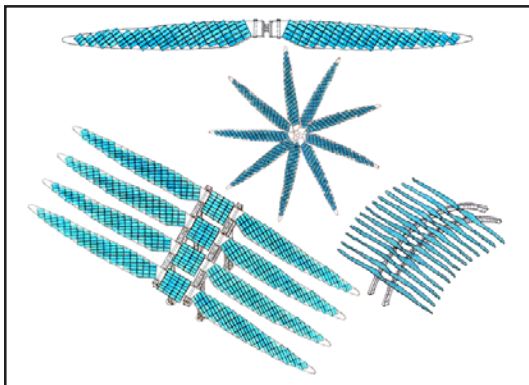
MODEL PHOTO

Solar Hot Water Pergolas: Solar thermal pergolas with flat-plate hot water solar collector panels can be adjacent to buildings with short insulated distribution lines, supported on naturally round Black Locust wood columns, forming pleasant semi-shaded garden patio areas.

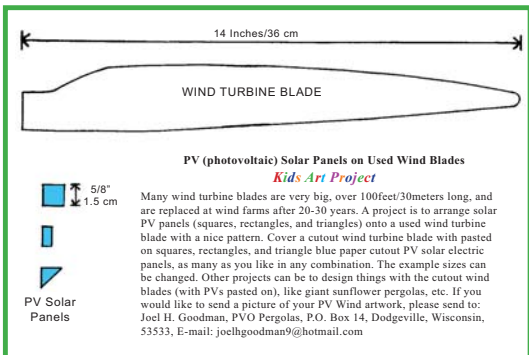


MODEL PHOTO

Heliostats and PV Pergolas: Building integrated two-axis tracking (azimuth-elevation) photovoltaics (PV), and heliostat reflectors for process heat solar thermal applications like cooling, can be supported on pergola structures above roof terraces with Vierendeel type engineered frames.



PV on Used Wind Turbine Blades: Many wind farm rotor blades after the guarantee period (~20 years) may be replaced. An approach is to attach PV on used fiberglass blades for semi-shade pergola structures with two blade units bolted together with a splice pipe. *"...I see nothing technically wrong with ...using discarded wind turbine blades as structures for supporting solar panels..." Carlin Palmer, NREL, 7-20-05*



← Click in the green box for a
PV (photovoltaic) Solar Panels on Used Wind Blades

Kids Art Project

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