

# PVO Pergolas

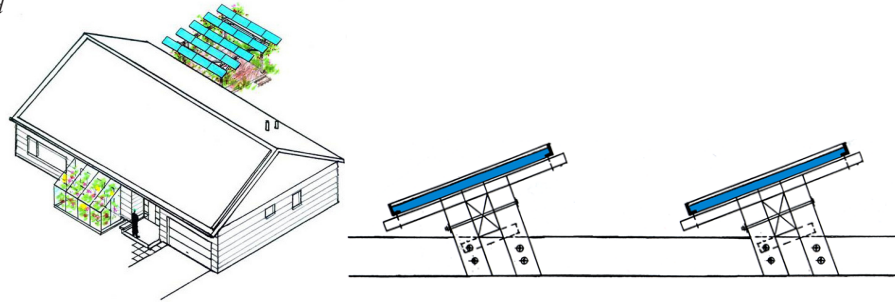
(webpage revised October 20, 2006)

Photovoltaic solar electric panels overhead can be above patios, terraces, balconies and breezeways, adjacent to buildings, in courtyards and gardens with stationary PV and one-axis tracking PV, milled and round wood structures for do-it-yourselfers\*, architecture projects, zero-net-energy + solar homes, and renewable energy planned developments.

*For for those who do want a solar electric power plant in their yards.*

*\* competent electrical design and installation are advised*

PVO Pergola trellis (stationary PV) above patios and terraces can be at the north side of houses with PV tilt and spacing options and short non-trench wiring

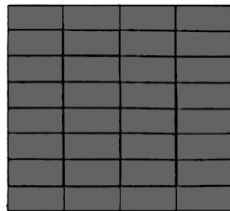


Wood PVOLT (PV Overhead Linkage Tracker) during demonstration installation

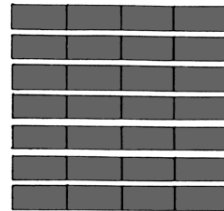


photo by C. Hulet

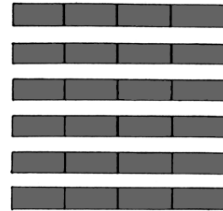
## PVO Pergola Plans



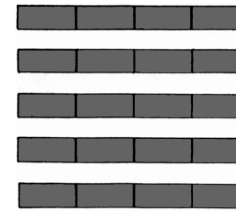
8 Rows  
0° Tilt  
32 PV panels



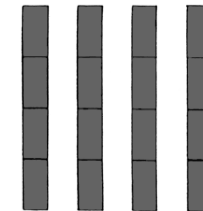
7 Rows  
10° Tilt  
28 PV panels



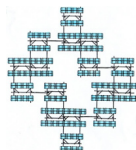
6 Rows  
15° Tilt  
24 PV panels



5 Rows  
20° Tilt  
20 PV panels



4 Rows  
1 axis tracking  
16 PV panels



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