

Renewable Energy and Environmentally Sustainable Design Case Studies

Butterfly House Display Home - GIPV

Site:

Murrumbeena, Melbourne, Victoria

Dates:

- System Design: June 2009
- System Installation: September 2009
- System Commissioned: October 2009

Client:

Inform Design

Project Goals:

Design, supply and install a grid-connected power system for household supply.

[GIPV = Grid Interactive Photovoltaics]

Project Features:

- Going Solar designed this system especially for an Inform Design display house 'butterfly roof'. Regardless of the aspect of the house, the butterfly roof (complete with PV panels) can be orientated to face the sun.
- Roof-mounted photovoltaic array consisting of 14 x 170W Schott Solar PV panels.
- Fronius IG30 Inverter.
- Complete system documentation including maintenance schedule and log sheets.
- System size: 2380 W

Project Team:

- Warwick Tullio, System Designer, Going Solar
- Duncan Macgregor, Lead Installer, Going Solar
- Glenn Robertson, Electrical Contractor

Further Information:

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Butterfly Roof (under construction)



PV Panels on Roof



PV Panels on Roof



Inverter & Switchboard