

# Renewable Energy and Environmentally Sustainable Design Case Studies

## Ascot Vale - PV

**Site:** Ascot Vale, Melbourne, Victoria

**Dates:**

- Design Phase Commencement: August 2005
- Main Installation: January 2006
- Full System Commissioning: January 2006

**Client:**

Gary and Chrisa Dickinson

**Project Goals:**

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

**Project Features:**

- Roof-mounted photovoltaic array consisting of 18 x 160W Schott Solar PV panels.
- Side pitched array.
- Complete system documentation including maintenance schedule and log sheets.

Expected renewable energy supply:

- 3.364 Mega Watt hours per annum

**Project Team:**

- Jarrod Tewierik, Project Manager, Going Solar
- Duncan McGregor, System Design, Going Solar
- Glenn Robertson, Electrical Contractor

**Further Information:**

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PV panels on roof



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GI inverter in garage