

# Renewable Energy and Environmentally Sustainable Design Case Studies

## Bentleigh Uniting Church - GIPV

### Site:

Bentleigh, Melbourne, Victoria

### Dates:

- System Design: August 2008
- System Installation: September 2009
- System Commissioned: September 2009

### Client:

Bentleigh Uniting Church

### Project Goals:

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

[GIPV = Grid Interactive Photovoltaics]

### Project Features:

- Roof-mounted photovoltaic array consisting of 36 x 170W Schott Solar PV panels.
- Fronius IG60 Inverter
- Interpretive display board
- Complete system documentation including maintenance schedule and log sheets.
- System size: 6120W

### Project Team:

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

### Further Information:

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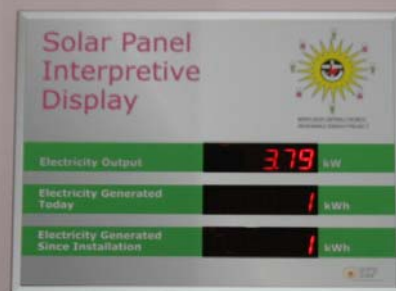
PV Panels on Roof



Framing Support Rails



PV Panels on Roof



Interpretive Display Panel