

# Renewable Energy and Environmentally Sustainable Design Case Studies

## Rowville Child Care Centre - PV

### Site:

Rowville, Melbourne, Victoria

### Dates:

- Design Phase Commencement: April 2006
- System Commissioning: June 2006

### Client:

Knox City Council

### Project Goals:

- Demonstrate renewable energy to the local community.
- Assist in reducing greenhouse gas production and building running costs.

### Project Features:

- 2.4 kW Grid Connected PV System
- Interpretative Display

The 15 solar PV panels are mounted neatly on the roof. The generated electricity is either used on site or sold to the grid via the inverter.

A display screen has been mounted in the foyer to provide information on the system performance.

The solar panels also act as a shading device, keeping the section of roof under the panels at a cooler temperature.

### Project Team:

- Stephen Ingrouille, Principal, Going Solar
- Haydn Fletcher, Products Manager, Going Solar
- Glenn Robertson, Accredited Installer

### Further Information:

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Rowville Community Centre



Childcare Centre



Detail of PV Bank



Grid-Connected Inverter