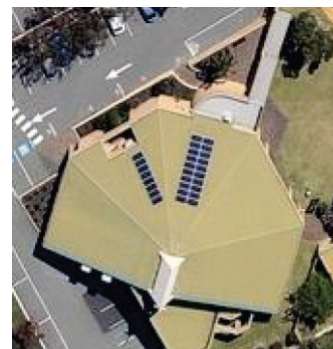
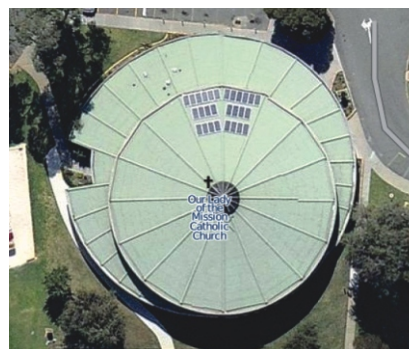




REGEN
Sustainable Power Solutions **power**

Seeing the Light and the Power : Solar Photovoltaic Projects

- A Case Study



- Roman Catholic church, Morley, WA
- Whitfords Catholic church, Craige, WA
- St John & St Paul Catholic Church, Willetton, WA
- Saint Mary Coptic Church, Calamvale, Brisbane, QLD



Roman Catholic Church

Morley, WA

The church community preferred to have PV module installed in the shape of a cross. Two systems of 5 KW each are operational in the church premises. Each system has 22 solar panels with each panel producing 235 W. The system was installed by the Regen in October 2011.



Installation Address: 47 Wellington Road, Morley WA 6062 Phone: 92768500

Project Overview

Location: Morley, WA
 System size: 5.17 kW (2 systems)
 Inverter: SMA Sunny Boy 5kW (2 systems)
 PV modules: 44 x 235 W QCell panels

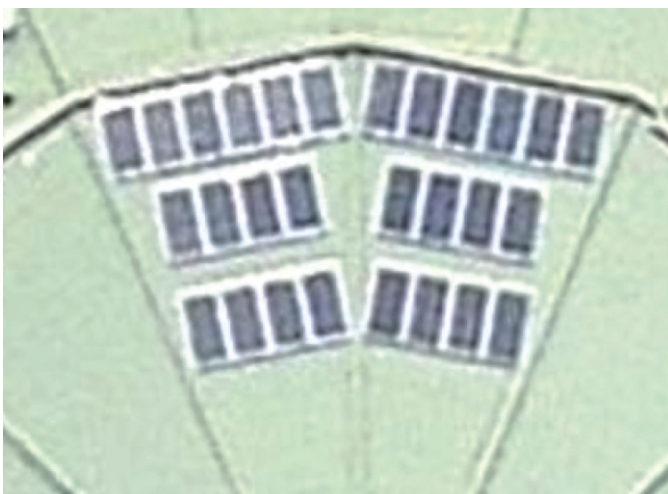
Benefits

- Energy generated per annum: 16790 kWh
- Reduce carbon footprint by approximately 8.7 metric tons per annum
- Saves about 50% of Church electricity bill

Whitfords Catholic Church

Craige, WA

The Whitford Catholic communities wanted to install a 5KW system with 28 panels, each panel producing 190 W. The installation was completed in June 2011 by Regen team.



Installation Address: 270 Camberwarra Drive Craige WA 6025
 Phone 93072776



Project Overview

Location: Craige, WA
 System size: 5.32 kW
 Inverter: Power One 5 kW
 PV modules: 28 x 190 W CEEG panels

Benefits

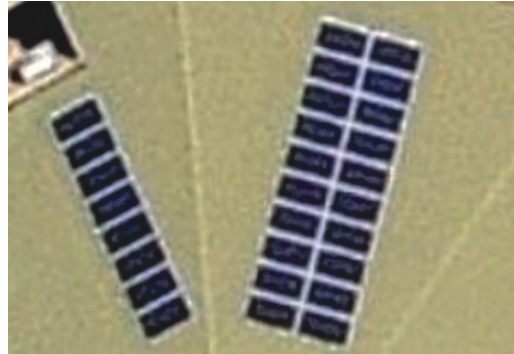
- Energy generated per annum: 8395 kWh
- Reduce carbon footprint by approximately 4.349 metric tons per annum
- Saves about 50% of Church electricity bill



St John & St Paul Catholic Church

Willetton, WA

The church community wanted a 5kW system installed on the roof with 28 panels of 190 W each. The system was installed in June 2011



Installation address: 5 Ingham court Willetton WA 6155
Phone : 93325992

Project Overview

Location: Willetton, WA
System size: 5.32 kW
Inverter: SMA Sunny Boy 5kW
PV modules: 28 x 190 W CEEG panels

Benefits

- Energy generated per annum: 8395 kWh
- Reduce carbon footprint by approximately 4.349 metric tons per annum
- Saves about 50% of Church electricity bill

Saint Mary Coptic Church

Calamvale, Brisbane, QLD

The community at Saint Mary Coptic Church in Calamvale, Brisbane, decided to reduce the carbon footprint associated with its energy consumption. Regenpower conducted an energy assessment and recommended the installation of a photovoltaic system to generate electricity to offset the cost of its electricity usage (approx. \$10,000 per year) and to export excess energy to the grid.



Satellite view of Saint Mary Coptic Church roof before installation

A photovoltaic (PV) solar electric system was designed and installed on the roof of the church in September 2010. The system comprised 60 PV modules, 180W each and a 3-phase inverter rated 11kW. The system installation was carried out by Regen's installation partner, Acsel Pty Ltd, in 3 days. The PV system was commissioned and tested on 23rd September. The system was featured on Channel 10 News on Wednesday 10th October 2010.
(Mark Suleau; Solar Boom)

Seeing the Light and the Power



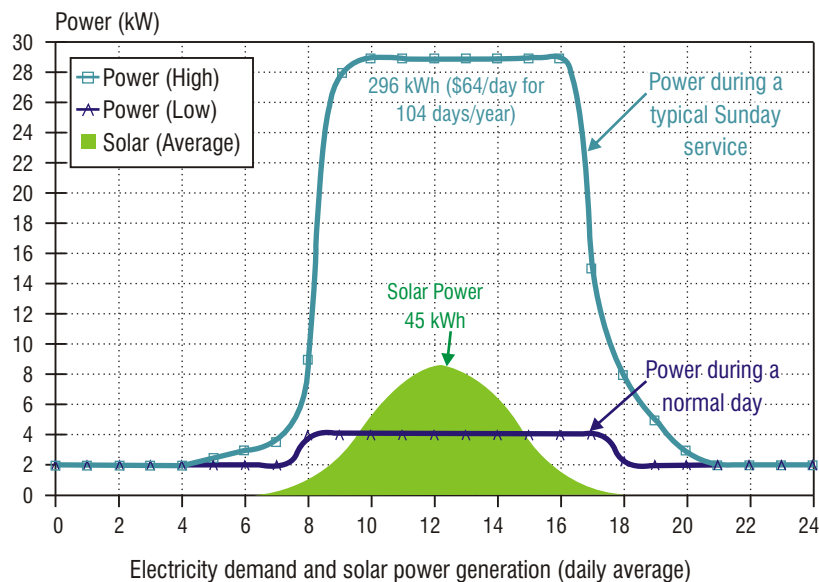
Project Overview

Location: Calamvale, Queensland
Building details: Single Storey
System size: 10.8 kW
Inverter: 11kW, 3-phase CMS Inverter
PV modules: 60 x 180 W CEEG panels

Benefits

- System expected to generate excess of 16,000 kWh of green electricity per annum
- Reduce carbon footprint by approximately 16 metric tons of CO₂
- Saves no less than 50% of Church electricity bill

Day	Cumulative Energy kWh
Thu 23 Sept	20
Sat 26 Sept	92
Sun 3 Oct	345
Wed 6 Oct	488



The system is ideally suited to any complex requiring at least 10kW power as schools, community halls, shopping centres, large residential etc. Federal and state policed support the installations of PV systems. It is up to all of us to take advantage of these incentives, reduce our carbon emissions and feel good about what we are doing.



Regen Power staff with Fr. James (left) and Fr. David (right)

The expertise of Regen Power and their professional work are available to you wherever there is sun.

Call us now for a FREE no obligation site assessment.

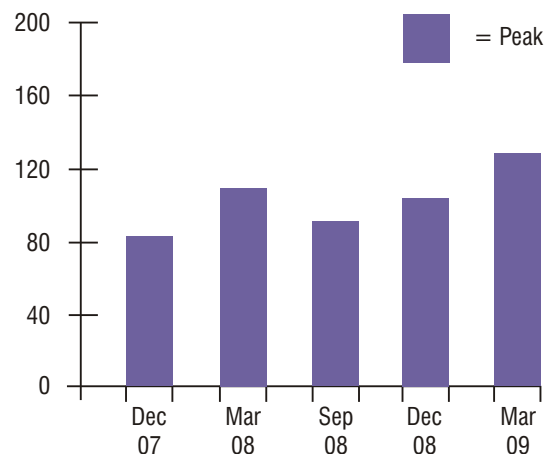
1 300 876 354



System installation by Acsel



Completed system



This account 128.1 kWh
Same time last year 83.2 kWh
Average cost per day (incl GST) \$21.66

Church electricity bill before installation of system

“ We did not inherit the earth from our ancestors but we borrow it from our descendants. ”

~Indian saying

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