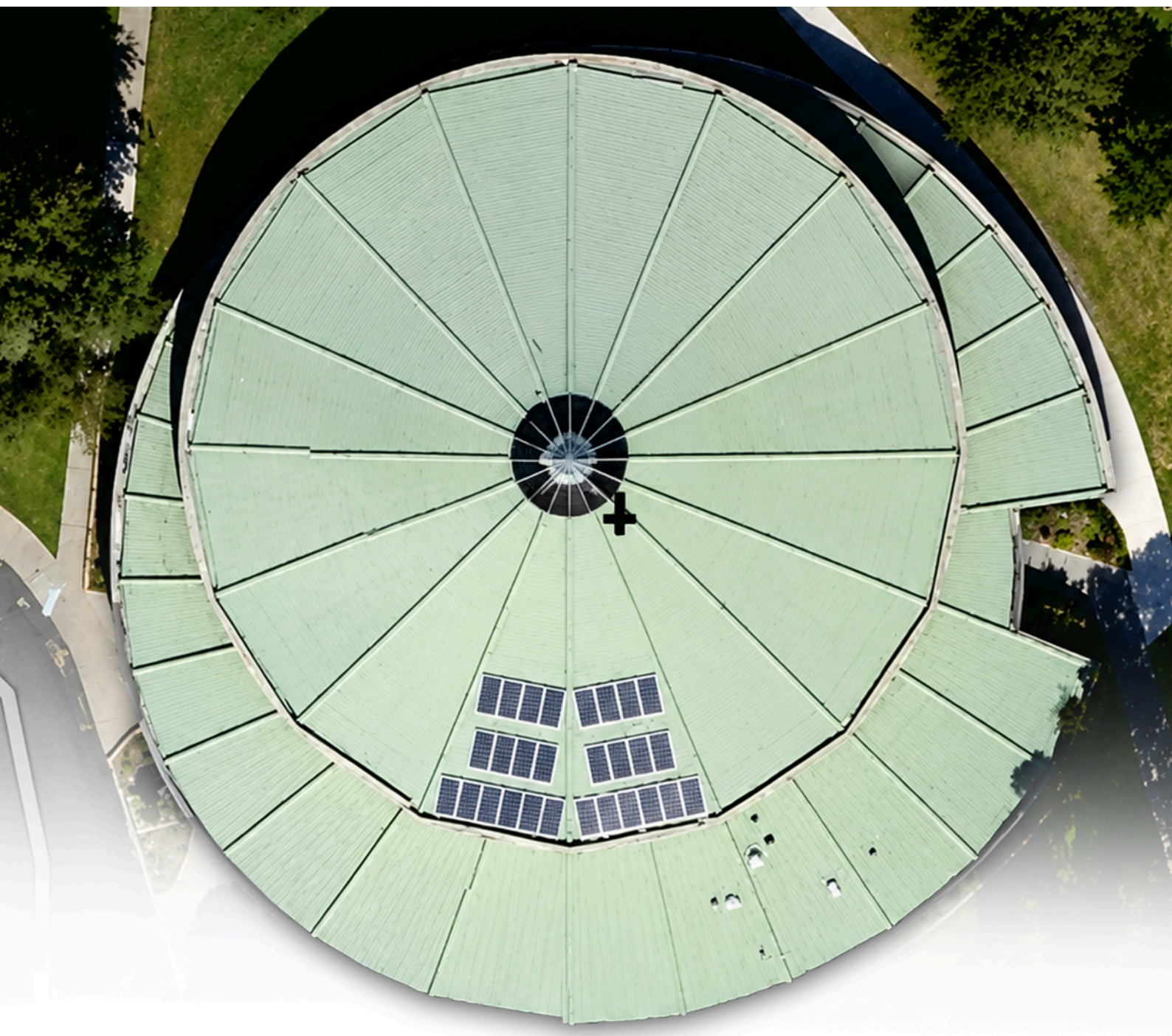




Seeing the Light and the Power

Solar Photovoltaic Projects

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





Project Overview

Location: Morley, WA
System size: 5.17 kW (2 systems) SMA Sunny
Inverter: 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

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.

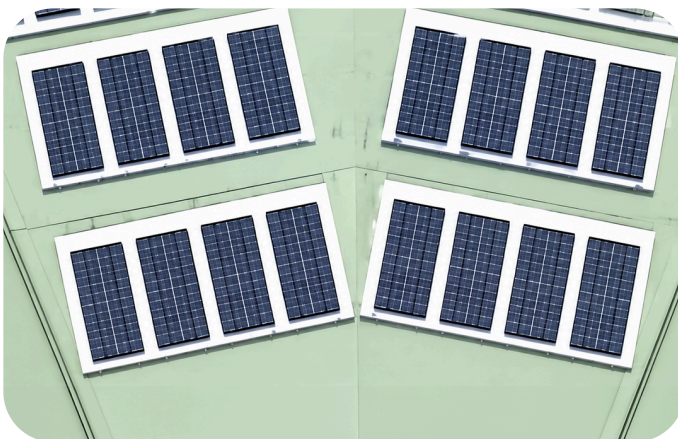


Installation Address: 47 Wellington Road, Morley WA 6062 Phone: 92768500

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



Project Overview

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

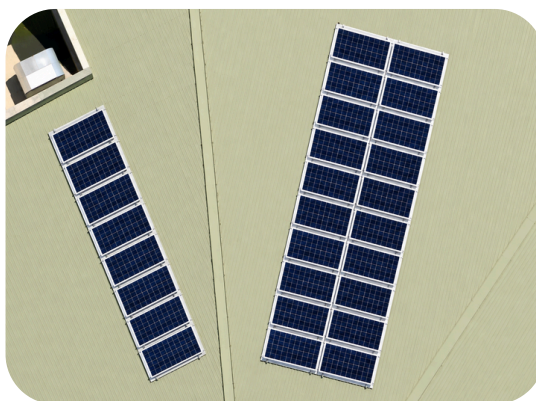
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Installation Address: 47 Wellington Road, Morley WA 6062 Phone: 92768500

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



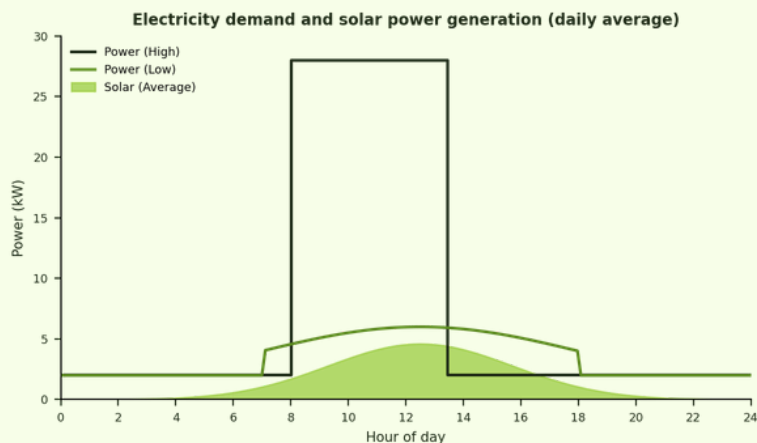
Project Overview

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

- Energy generated per annum: 8395 kWh
- Reduce carbon footprint by approximately 4.349 metric tons per annum
- Saves about 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



System installation by Acsel



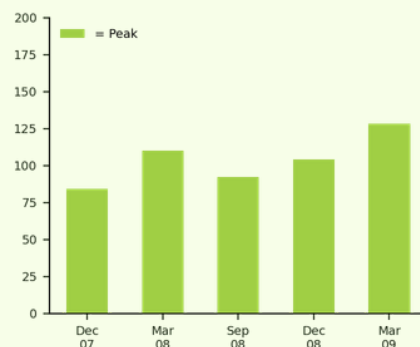
Completed system

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.



This account **128.1 kWh**

Same time last year **83.2 kWh**

Average cost per day **\$21.66**
(incl GST)

**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

Need help? Call our expert team on **08 9456 3491**

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- Email: sales@regenpower.com
- Hours: Mon – Fri 8:00am – 5:00pm AWST

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