

Caring For Our Environment
Anglican Parish of Charlestown

Solar Photovoltaic Electricity Generation Initiative



This project was initiated as an ongoing commitment to our Parish's endorsed responsibility to create a greater environmental awareness, to become a more environmentally sustainable parish by further reducing our ecological footprint and to assist in the long term financial commitments of the parish.

Fifty four solar photovoltaic panels have been installed on the roof of St Alban's hall to generate energy with a daily average of approximately 40 kWh per day. Our average daily energy consumption for our entire parish over the past year has been 31kWh/day. This means that we will be saving 12,000 kg greenhouse gases each year and are generating significantly more energy than we are using.

We have been encouraged by the very generous participation of parish members, organisations and friends in supporting this project, both financially and in kind. Fifteen solar panels were donated and some parishioners have made commitments for ongoing regular donations until the capital cost has been recovered. Interest free loans from parishioners have avoided the need for the parish to borrow any funds to cover the installation capital cost. Since the installation was completed, we have now exported 30,000 kWh (up to the end of January 2013) to the grid and will be able to repay the loans within the next twelve months. We will then have a significant ongoing income from the generated energy credits to support the work and outreach of our parish.

We are grateful to all who have contributed to this project.