

Case Study - St Bartholomew's House - 27.36kW



Roof installation image

St Bartholomew's House is a 7 storey, 148 bed twin tower building that provides community based support, accommodation and assistance to homeless individuals, and establishes collaborative partnerships with individuals and other organisations to eliminate or reduce homelessness.

In early 2011, after a competitive quoting process Solargain was awarded the Solar PV portion of the project at the early stages of construction of St Bartholomew's. The system size was designed around available roof space with walkways also having to be designed and installed by Solargain to access the system for future maintenance and cleaning. The solar PV system was funded partially by a government grant.

Work on St Bartholomew's had many challenges for Solargain, one of those being the first large scale high-rise system designed and installed by Solargain. As this installation was to be carried out during the construction phase of the building, Solargain had to be flexible in our installation time lines as well to work in with Northerly Construction with our installers having to follow all the builders O.H.S rules at all times as this was a construction site.

St Bartholomew's installation was completed without issue and on time and opened by the premier, Colin Barnett on the 24th August 2012.

Project Overview

Location: East Perth, WA

System size: 27.36kW

Roof Fixing Method: Flush mounted to the pitched metal roof

Products: - 144 x Suntech 190W panels

- 3 x 9kW SMA Inverters

Annual Energy Production: 38.9 MWh approximately

Annual Greenhouse Gas Emission Reduction:

35.83 Tonnes CO₂e (CO₂ equivalent)

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