

Case Study - Glengarry Pharmacy - 8.75kW



Glengarry Pharmacy owner Sam Frosh became interested in the excellent returns on investment offered by commercial solar PV after reading some articles on the subject online. Sam had done a lot of research and was therefore very specific about his requirements in terms of panel placement, in order to optimise the performance of the system at various times throughout the day.

The final design included splitting the system across the East and West orientated roof. This allowed for a steady solar PV production throughout the day, which fits well with the consumption pattern.

Along with presenting a design that worked for the client, some of the other reasons that Solargain were chosen as the preferred supplier included the provision of panel and inverter brands that are reputable and easily researched, and a comprehensive proposal that addressed all the needs of the client in a manner that was easy to understand.

The solar PV system comprises 35 x 250W ReneSola panels and 1 x SMA 10000TL Sunny Tri Power inverter. It is split across and flush mounted to the East/West orientated roof with 3.75kW on the East orientated roof and 5kW on the West orientated roof.

Project Overview

Location: Duncraig WA

Completed: November 2013

System size: 8.75kW

Roof Fixing Method: Flush Mounted 15 Degree pitch

Products: - 35 x 250W ReneSola 250W panels
- 1 x 10kW SMA Sunny Tri Power inverter

Annual Energy Production: 12.6 MWh approximately

Annual Greenhouse Gas Emission Reduction:
10.57 Tonnes CO₂e (CO₂ equivalent)

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" Having received three power bills subsequent to our installation, our 8.75kW system is consistently reducing our bills by around 65%. This was in line with my own best case expectations, so naturally I am very satisfied with my initial decision to install a PV solar system.

Also that I chose Solargain was very important, as their representative showed professionalism and prepared a detailed quote and data sheets that answered my questions in a manner that was clear and seemed realistic based on my research."

Sam Frosh
Glengarry Pharmacy



3.75kW of an 8.75kW roof mount installation