

THE SOLAR PROJECT : CASE STUDY



Woodside, South Australia

The Situation

Established in 1995, Baylies of Strathalbyn is a family-owned & run company based in Woodside in the Adelaide Hills.

Having recently moved premises to a state of the art production facility, Baylies of Strathalbyn were interested in minimizing the environmental effects of its manufacturing process whilst implementing a cost effective solution to reduce its power needs.

The PV Solution

Baylies have implemented on site electricity generation consisting of a single solar photovoltaic generator connected to their electrical load, primarily consisting of Commercial Ovens and Refrigeration Loads running 5 days a week.

The Baylies of Strathalbyn team selected an industrial grade solution including European made technologies with a demonstrated track record of high performance in Australian Conditions. The system was delivered by an experienced project team, on time and on budget. The combination of these two factors will result in a quality built system, with a long system design life.

The Outcomes

The PV Project is resulting in significant savings in the electricity demand at Baylies of Strathalbyn.

Project Payback Time with STC Funding: approximately 4 years and 2 Months.

Finance by Chattel Mortgage, paid out of operational savings. This Project is cash flow positive.



Project Overview

20kWp Solar PV Generator

Commissioned February 2014

- 80 x Hanwha Q.CELLS G3 Pro 250 Watt Modules
- 1 x PowerOne Aurora Trio 20.0 TL Inverter
- Energy Produced: 29.55 MW hours / Year

Project Partners



The Solar Project is proud to support Food SA members