

THE SOLAR PROJECT : CASE STUDY



Mildura, Victoria

The Situation

Established in 2004, Stefano's Mildura Brewery is a unique Australian operated business producing six permanent naturally brewed beers from inside the former Astor Theatre in Mildura's restaurant precinct.

The team at Mildura Brewery were interested in minimizing the environmental effects of its power usage whilst implementing a cost effective solution to reduce its power needs.

The PV Solution

Stefano's Mildura Brewery have implemented on site electricity generation consisting of dual solar photovoltaic generators connected to their electrical load, primarily consisting of refrigeration, bottling and fermenting processing loads, running 7 days a week.

The Stefano's Mildura Brewery team selected 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 choice of premium quality technology with a professionally built system will result in a long system design life.

The Outcomes

The PV Project is resulting in significant savings in the electricity demand at Stefano's Mildura Brewery. In depth project research shows that the net electricity consumption on site will reduce by 64 MWh per year.

Project Payback Time with the Federal Government's Clean Technology Investment Program & STC Funding: approximately 3 years

This project was financed out of operational savings and was a cash flow positive solution.



Project Overview

46kWp Solar PV Generator

Commissioned January 2014

- 184 x Q.Cells Pro G2 250 Watt Modules
- 1 x Power One Aurora 27.6 TL Inverter
- 1 x Power One Aurora 20.0 TL Inverter
- Energy Produced:
63.98 MW hours / Year

Project Partners

Q.CELLS

power-one
Renewable Energy Solutions

