

# Gippsland Solar Case Study

## Grand Ridge Brewery



### SYSTEM DETAILS

Solar panels – 384 x monocrystalline solar panels  
Inverters - 5 x Aurora Trio 20kW European inverters

System capacity – 100kW

Remote monitoring functionality

Power production – Approx 110,000 kWh's per year

Carbon savings – Approx 120 Tonnes per year

### THE STORY.

In 2013, Grand Ridge Brewery in Mirboo North was awarded a grant to install solar panels on the brewery. This grant was part of the Federal Government's Clean Technology Investment Fund.

Grand Ridge Brewery undertook a competitive Tender process to select the provider. Gippsland Solar were awarded the contract to install the system, which included 384 solar panels and 5 x 20kW inverters. This system will produce nearly as much power as the brewery uses each year, and should save them approximately \$25,000 per year on their electricity costs. It will also abate approximately 170 Tonnes of carbon dioxide every year!

Once the brewery decided to engage Gippsland Solar for the contract, we had a very small amount of time to install the system, before the deadline for the Government grant (and also leading up to Christmas). We mobilised our team very quickly, and had all of the stages of the project mapped out well in advance. We also brought in a workforce of 6 full-time and 12 part-time installers, who worked weekends and long nights to ensure the system was commissioned before the Christmas deadline.

At the time, this was likely the first 100kW system in Gippsland. This size and complexity of system was normally installed over a 2 month period, but we were able to meet their deadline of 4 weeks comfortably, and without any unforeseen obstacles. We also managed to install the system without interfering with the operation of their brewing process during the frantic Christmas period.



South Gippsland Showroom:  
66 Ridgway, Mirboo North (main street, next to Mirboo North Hotel)

Latrobe Valley Showroom:  
5 Rocla Road, Traralgon East (cnr Princes Hwy, next to BP carwash)

Gippsland Solar - Your Local Solar Experts

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