

EMERALD CO-OP

The Business

Emerald and District Co-operative and Barry Plant Agency owns and operates Mitre 10 Emerald and its timber and produce store. 12 people are employed on site.



The Benefits

Data from **Enphase** shows the solar system is working well. Solar power and energy efficient lighting has minimised lighting costs. All solar power is used on-site.

Environmental Targets of CO₂ reductions have also been achieved.

The Solar System

The solar system was installed in September 2015. It consists of 115 Tindo, Australian made, solar panels. Each panel has an **Enphase** Micro Inverter. The total capacity is 30.1 kilowatts. Enphase send monthly updates on the systems output and reports any faults 24/7.

The electrical load that the solar system helps support consists mainly of a split air conditioner, a large evaporative cooler, computers and their servers and store lighting.

“Over 30 megawatts of solar power was produced between installation and the end of November 2018.”

Iain F Johnson, Board Member



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