

Berala Boarding House – 7.5kW Solar PV



GENERAL INFORMATION

Site Address: Berala NSW

Building Type: Domestic / Boarding House

Daily Energy Usage: 140 kWh

SITE DESCRIPTION

- A new developed multi-unit studio located in Berala and desires to reduce the electricity usage for its common area that is dominated by light and air-conditioner usage
- Solar installation done on a tile roof together with the construction of the property

PROJECT DETAILS

- Installed a 7.5 kW PV system, consisting of 23 x 325W Trina Panels with Sungrow 8kW inverter
- Predicted to reduce the daily electrical usage by 22%.



RESULTS



**Estimated
Annual Savings**

\$3,236



**Annual CO₂e
Reduction**

**8.35
Tonnes**



Payback

2.0 Years



**Annual Electricity
Consumption
Reduction**

11.79 MWh

