

# Strathfield Residential – 13.2 kW Solar PV



## GENERAL INFORMATION

**Site Address:** Strathfield NSW

**Building Type:** Domestic

**Daily Energy Usage:** 50 kWh

## SITE DESCRIPTION

- New House development with 50 kWh daily usage estimation
- Solar installation done on a concrete roof. Coordination being done together with the builder before the waterproofing being done.
- With multiple roof angle, careful consideration has to be made to maximise the system production



## PROJECT DETAILS

- Installed a 13.2 kW PV system, consisting of 40 x 330W Risen Panels
- Predicted to reduce the daily electrical usage by 40%.

## RESULTS



**Estimated  
Annual Savings**

**\$2,967**



**Annual CO<sub>2</sub>e  
Reduction**

**6 Tonnes**



**Payback**

**3.9 Years**



**Annual Electricity  
Consumption  
Reduction**

**7,300 kWh**