



# CASE STUDY: Domestic 4.4kW Solar PV System



Atlas Renewables  
A WORLD OF DIFFERENCE

## GENERAL INFORMATION

**Site Address:** Padstow NSW 2121

**Type:** Residential

**Daily Energy Usage:** 45kWh

## OUR SOLUTION

- It is a home which consumes a lot of energy during the day and desires to reduce the overall energy usage
- The house has multiple roof orientations and each side of the roof are is not the best for solar installation

## PROJECT DETAILS

- Due to roof condition, we installed 12 x Risen 370W with SolarEdge 5kW inverter together with SolarEdge P370 Optimisers to optimised the system generation.
- Reduced daily electrical load by 44%

## RESULTS



Estimated Annual Savings

**\$1,124**



CO<sub>2</sub>e Reduction (p.a.)

**5.54 Tons**



Payback

**4.4 Years**



Electricity Consumption Reduction (kWh)

**6,060**

