



CASE STUDY: Domestic 6.6kW Solar PV System



Atlas Renewables
A WORLD OF DIFFERENCE

GENERAL INFORMATION

Site Address: Kogarah NSW 2217

Type: Residential

Daily Energy Usage: 60kWh

OUR SOLUTION

- It is a home which consumes a lot of energy dominated by pool consumption and desires to reduce the overall energy usage throughout the day

PROJECT DETAILS

- Due to roof condition, we installed 18 x Risen 370W with Sungrow 5kW inverter.
- With the new system installed in the property, it enables the owner to control their pool energy usage, by planning maintenance and run the pool pump during solar production hour and switch pump off at night
- Reduced daily electrical load by 37%

RESULTS



Estimated Annual Savings

\$1,933



CO₂e Reduction (p.a.)

8,442 Tons



Payback

2.6 Years



Electricity Consumption Reduction (kWh)

9,380.5

