



CASE STUDY: Domestic 5.8kW Solar PV System

GENERAL INFORMATION

Site Address: Hurlstone Park NSW 2193

Type: Residential

Daily Energy Usage: 30kWh

OUR SOLUTION

- 2 Story Family Home with load dominated by swimming pool circulation pump

PROJECT DETAILS

- We installed a 5.8kW PV system consisting of 20 x Longi mono panels
- Reduced daily electrical load by 74%
- System allowed the residents to take more control of their pool's daytime energy use by planning maintenance & scheduled pumping during solar production hours and switching the pump off at night.

RESULTS



Estimated Annual Savings

\$1,245



CO₂e Reduction (p.a.)

6.64 Tons



Payback

4.1 Years



Electricity Consumption Reduction (kWh)

8,103

