

DOMESTIC 5.2KW SOLAR PV SYSTEM



GENERAL INFORMATION

Site Address: Earlwood NSW 2206

Type: Residential

Daily Energy Usage: 50 kWh

SITE DESCRIPTION

- Large 2 storey household with daily load dominated by swimming pool circulation pump.

PROJECT DETAILS

- Installed a 5kW PV system, consisting of 18 x 290W mono panels
- Reduced the daily electrical load by 31.6%
- System allows the residents to take more control of their pool's energy usage, by planning maintenance and scheduled pumping during solar production hours, and switching the pump off at night

RESULTS



**Estimated
Annual Savings**

\$1,966



**CO₂ Emission
Reduction**

4.78 Tons



Payback

3.3 Years



**Annual kWh
Saved**

5,762 kWh

