

# DOMESTIC 5.8KW SOLAR PV SYSTEM



## GENERAL INFORMATION

**Site Address:** Hurlstone Park NSW 2193

**Type:** Residential (New Development)

**Daily Energy Usage:** 30kWh

## SITE DESCRIPTION

- 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**



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

**6.64 Tons**



**Payback**

**4.1 Years**



**Annual Electricity  
Consumption  
Reduction**

**8,103 kWh**

