



# CASE STUDY: DOMESTIC 30.7kW SOLAR PV SYSTEM

## GENERAL INFORMATION

**Site Address:** Dural NSW 2158

**Type:** Residential (New Development)

**Daily Energy Usage:** 300kWh

## SITE INFORMATION

- A multi-level eight-bedroom mansion that is currently the biggest home ever built in Sydney.
- Has a combined floor space of 3550 square metres complete with a swimming pool, spa and outdoor bar.

## OUR SOLUTION

- We installed a 30.7kW PV system consisting of 96 x Trina 320W Polycrystalline panels. This size is extremely large for residential systems.
- Predicted to reduce daily electrical load by 39.6%.
- Contributes to the clean and modern aesthetic of the mansion

## RESULTS



Estimated Annual Savings

**\$11,342**



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

**36.4 Tons**



Payback

**2.8 Years**



Electricity  
Consumption  
Reduction (p.a.)

**43,336 kWh**

