



Site address

Putney, NSW 2112

Site type

Domestic (New Development)

Site

Description

- Solar system commissioning performed in conjunction with roof construction. The proposed pebble roof provided a unique challenge for a roof mounted Solar PV System.
- Large two storey residence with an average daily electrical load above 60 kWh per day.



Our solution

- Installed a 10 kW Solar PV system, consisting of 34 x 300W poly-crystalline modules and a top quality SolarEdge backup inverter to function during blackouts.
- Installed a 9.8kWh LG Chem Lithium Ion Battery
- In order to overcome the proposed pebble roof, we liaised with contractors to install our system at the same time. This ensured the roof could be suitably waterproofed and the pebbles wouldn't impede the mounting.

Results

\$ \$3,122
estimated annual savings

⚡ 12,107 kWh
Annual Electricity Consumption
Reduction

🌳 10.5 Tons
Annual CO2e Reduction
Equivalent

🕒 5.7 Years
Payback