



# CASE STUDY: Domestic 10.4kW Solar PV System

## GENERAL INFORMATION

**Site Address:** Gordon, NSW 2072

**Type:** Residential Apartment

**Daily Energy Usage:** 110.9 kWh

## SITE INFORMATION

- A strata apartment building with a load including lighting, Air conditioning, a swimming pool, and an elevator

## OUR SOLUTION

- We installed a 10.4kW Solar PV system consisting of 36 x 290W Longi monocrystalline panels.
- Predicted to reduce the daily electrical usage by 31.8%
- The PV panel system received an upfront STC rebate of \$20,112
- Return on investment is 35.1%

## RESULTS



Estimated Annual Savings

**\$13,077**



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

**10.8 Tons**



Payback

**3.6 Years**



Electricity Consumption Reduction (p.a.)

**12,858 kWh**

