



# CASE STUDY: RILEY ST SURRY HILLS – 20kW ROOFTOP PV



## GENERAL INFORMATION

**Site Address:** 172-192 Riley Street, Surry Hills NSW 2010

**Type:** Residential Apartments/ Strata

**Number of Units:** 68

**Daily Energy Usage:** 439.0kWh

## SITE INFORMATION

- 7 story strata apartment building with a load including five stories of lighting, Air conditioning, a swimming pool, and an elevator.
- Several ways were identified in which the Body Corporate could reduce their common area energy bills including a 20kW Solar PV system, and LED lighting upgrade and Carbon Monoxide Sensors in the car park

## OUR SOLUTION

- 20 kW Solar PV system; 63 x 320W Canadian Solar panels and a SolarEdge inverter with individual panel optimisers.

## RESULTS



Estimated Annual Savings

**\$3,459**



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

**22.1 Tonnes**



Payback

**5.1 Years**



Electricity Consumption Reduction (p.a.)

**26,751 kWh**

