

# BOWDEN ST MEADOWBANK – 30kW ROOFTOP PV



## GENERAL INFORMATION

**Site Address:** 133-137 Bowden St, Meadowbank NSW 2114

**Type:** Strata / Apartments

**Number of Units:** 58

## SITE DESCRIPTION

- 21m, 8 storey apartment building with a common areal load including hallway lights, air conditioning, and two elevators.
- Arc Energy are the embedded network operator, and have commissioned the solar PV system to reduce their operating costs and the energy costs to their tenants
- Sacco Developments, a premium developer ensured Solar PV was included as part of the project development specification

## OUR SOLUTION

- We liaised with the site builders to install a 35 kW Solar PV System, consisting of 109 x 320W multicrystalline panels
- Fully structurally certified design, taking into account wind loading and effects of corrosion from the ocean as well as OH&S Issues and construction considerations

## RESULTS



**Estimated  
Annual Savings**

**\$11,176**



**CO<sub>2</sub> Emission  
Reduction**

**37.1 Tonnes**



**Payback**

**3.6 Years**



**Annual kWh  
Saved**

**44,284**

