



CASE STUDY: BOWDEN ST MEADOWBANK - 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 poly 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



CO₂e Reduction Equivalent (p.a.)

37.1 Tons



Payback

3.6 Years



Electricity Consumption Reduction (p.a.)

44,284

