

The Sapphire, Liverpool – Binah Constructions_16kW Solar PV + EV Charger



GENERAL INFORMATION

Site Address: 1-5 Bathurst St, Liverpool NSW 2170

Building Type: Strata

Number of Units: 94

Daily Electricity Usage: 1600 kWh

PROJECT DETAILS

- Binah Constructions engaged Arc Energy Group as the Embedded Network Operator for the 94 Unit Development.
- To maximise the value to the new owners and residents, Arc Energy installed a Solar PV system and a universal smart EV Vehicle Charger



OUR SOLUTION

- 16kW PV system with 50 x Longi Mono half-cell 315W modules and Huawei 15kW inverter.
- EO EV charger installed in the carpark to future proof and add value to the apartment's residents

RESULTS



Estimated Annual Savings

\$5,268



Annual CO₂e Reduction

17 Tonnes



Payback

3.3 Years



Annual Electricity Consumption Reduction

18.8 MWh



Sapphire, Liverpool