



Solar Shop Australia – Commercial Division

Grant Egerdie – General Manager Commercial

Solar Shop Australia overview

- Began 10 years ago, now installs 25% of home solar PV systems
- National presence with major offices in Sydney, Melbourne, Brisbane, Adelaide, Perth, and ACT
- A network of advisors across regional and rural
- Commercial Division services the growing demand for commercial and industrial PV plants
- 100kW+ and 1MW+ class
- Ground-based and roof-top
- Scope includes specializing in Project Development, Design, Construction, Maintain

Major projects

Adelaide Showground Solar Project



Australia's largest commissioned solar power system to date, rated at 1.0MW

Adelaide Showground Project

- Constructed in alliance partnership with Built Environs (part of McConnell Dowell)
- The total array spans 6 building rooftops
- The project took 14 months from inception, to calls for expression of interest, request for tenders, post tender negotiations, contract execution to practical completion.
- Construction took approx 2 months for 20 installers through Winter and a lot of rain.



Adelaide Showground Project – on the job



Adelaide Showground Project

Some key facts:

- Total area of 9,000m² over six roofs and two building facades
- Providing up to 40% of the Showground's typical power needs
- Saving up to 1,400 tonnes of CO₂ gas emissions a year
- The total array includes 12,720 solar modules, some façade-mounted (vertical)
 - 12,612 First Solar CdTe 77.5W PV panels
 - 108 SunTech 200 W polycrystalline panels
- 95 SMA transformerless inverters
- The panels were mounted mostly at 2 degrees (NEWS)
- 27 Solar Generators, each terminated to a distinct distribution board



Adelaide Showground Project – on the job



Adelaide Showground Project - The finished product



Other Recent Major Projects

- Sun Farm Lyrup
- Adelaide Tram Shelters
- Planet Ark Solar PV system
- Westyle Investments Power System



Solar Flagships

Solar Shop Australia would like to see the Solar Flagships programme be structured and rolled out to:

- Facilitate a PPA
- Consider feed-in tariffs
- Develop co-operative approach with stakeholders
- Underwriting the price and off-take
- Develop a sustainable industry

- Strongly urge the projects are structured as alliances

Solar Shop Australia - Nationwide



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Regional & Rural Network

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South Australia

Central, South East, Murray, Mid North,
and Western

Queensland

Central, Western and South East

New South Wales

North East, South East and Western Inland

Victoria

Mallee, Wimmera, Northern Country,
North East, Gippsland, Central, North Central
and Western

Western Australia

Pilbara, Gascoyne, Central West, Lower West,
South West, South and South East Coastal,
Great Southern and Central Wheatbelt

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