



# Solar Shop Australia – Commercial Division

Grant Egerdie – General Manager Commercial



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# 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



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## Major projects

# Adelaide Showground Solar Project



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



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# 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



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# Adelaide Showground Project

## Some key facts:

- Total area of 9,000m<sup>2</sup> 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 CO<sub>2</sub> 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



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# Adelaide Showground Project – on the job



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# Adelaide Showground Project - The finished product



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# Other Recent Major Projects

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



# Solar Shop Australia - Nationwide



## Head Office

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## Online

[solarshop.com.au](http://solarshop.com.au)



## Metro Stores

### South Australia

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### Tasmania

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## Regional & Rural Network

Our regional advisors live locally,  
Australia wide. Phone: 133 765

### 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

# [www.solarshop.com.au](http://www.solarshop.com.au)



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