

PROJECT PROFILE



Name:	Midland Redevelopment Authority 60KW Solar System	Client:	Sunpower
Site Location:	East Perth, Western Australia	Year Completed:	2010

Project Description: Supply and Install 60KW Solar Array including Sunpower panels, inverters, electrical cabling and components.

The MRA Project is a complete 60.3kW grid connected system of Sunpower solar panels installed on the rooves of the Midland Railway Workshops' Foundry and Pattern Shop buildings. At the time of commissioning it was the largest commercial solar installation in the Perth Metro Area.

The electricity generated will be distributed to the buildings in the Workshops' creative industries precinct to run lights and equipment needed by the resident artisans.

"This important State Heritage site offers an exciting juxtaposition of old industry and renewable solar technology and is the largest Perth Solar City iconic installation to date", said Jane Bond, Solar City Program Manager for Sunpower.

Technical Highlights:

- 60.3kWp Grid Connected PV Array
- 201 x Sunpower 300W panels
- 11 x SMA SMC10000TL
- Remote Monitoring System

Environmental Initiatives: The buildings on which the systems were installed are Heritage Listed, and hence appropriate measures were instigated to ensure these sensitivities were accounted for.

Key Personnel: Darius Johnson – ODG Operations Manager
Chris Hannaford – ODG Project Manager
Steve Austin – ODG Leading Hand.

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