



Name:	Fremantle Leisure Centre 30KW Solar System	Client:	City of Fremantle
Year Completed:	2009	Site Location:	Fremantle, Western Australia

Project Description: Design, Supply and Install 30KW Solar Array including Sungrid 175W panels, inverters, electrical cabling and components and the remote monitoring system.

The 30KW Solar system at the Fremantle Leisure Centre at the time of completion was the largest commercial solar system in Western Australia.

The Fremantle Leisure Centre installation was unique in that the full array installation was installed on the swimming pool roof which was constructed from clear plastic sheeting.

As the plastic sheeting could not carry weight, a complex walkway and platform system was designed and installed by ODG to enable the team to access the roof safely and install the full array system safely, within schedule and under budget.

- Technical Highlights:**
- 29.4kWp PV Array
 - 168 x Sungrid 175W panels
 - 3 x SMA SMC10000TL Invertors
 - Remote Monitoring System

Personnel: Operations Manager: Darius Johnson
 Project Supervisor: Brad Pohl
 Leading Hand: Richard Crane

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PROJECT PROFILE

Quality Standards AS/NZS 4801:2001
Applicable AS/NZS ISO 9001:2000
AS/NZS ISO 14001:2004

Specific OH & S Requirements O'Donnell Griffin IMS

Referees: Kelton Hinks
City of Fremantle
08 9432 9960

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