

PROJECT PROFILE

<i>Name:</i>	MELBOURNE SPORTS AND AQUATIC CENTRE
<i>Owner:</i>	Victorian Government
<i>Client:</i>	Downer Electrical
<i>Project Description:</i>	Supply and installation of 1 x 1000KVA co generation plant
<i>Site Location:</i>	Melbourne, Victoria
<i>Year Completed:</i>	2006



This project was part of a major upgrade to the MSAC to facilitate the 2006 Melbourne Commonwealth Games. The intent of the project was to generate electricity using a 1000KVA F.G.Wilson gas fired generator and to use the waste heat to heat the pool water. This provides an efficient environmentally friendly solution to meet the requirements of MSAC. The system was designed to parallel with the Mains and allow the necessary power import requirements beyond the generators capacity. We worked very closely with the Supply Authority to ensure compliance with their requirements.

The scope of work carried out by O'Donnell Griffin included:

- Supply and installation of the generator
- Supply and installation of the jacket water heat recovery unit
- Supply and installation of the exhaust heat recovery unit
- Supply of a complete control package to monitor site loads and pool heating requirements
- Training of personnel
- Commissioning
- Comprehensive maintenance agreement

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*Key Project
Personnel:*

Axel Brendel

*Special Project
Achievements*

The successful coordination with the Supply Authority to allow mains paralleling – this is most unusual in Victoria.

*Quality Standards
Applicable*

AS/NZS 150 9001:2000

*Specific OH & S
Requirements*

AS/NZS 4801:2001

