

PROJECT PROFILE

Name:	YARRA VALLEY WATER SITE SERVICES POWER UPGRADE
Owner:	Yarra Valley Water
Client:	Yarra Valley Water
Project Description:	Upgrade redundant backup power supply systems.
Site Location:	Mitcham, VIC
Year Completed:	2006
	<p>ODG successfully completed a project to upgrade the redundant backup power supply system as well as the main power supply to the Mitcham site. Yarra Valley Water provides an essential service to the public, and as a result was to, and did, remain operational on a 24/7 cycle. This site houses the emergency call centre for the public and the main control centre for all the pumping stations throughout Melbourne's northern and eastern suburbs. All changeovers were completed with no interruptions to their operations. Congratulatory letters were received as well as an award from Yarra Valley. The project was a finalist in the 2006 NECA Awards.</p> <p>The project consisted of –</p> <ul style="list-style-type: none"> • Removal of two existing 135Kva generators • Installation of two new 275Kva generators • Removal of two 60Kva UPS,s • Installation of two new 120Kva UPS,s • Installation of a new generator supply distribution board • Installation of 400 amp MTS,DB-ESS1,DB-ISOL & DB-UPS2 • Upgrade of DB-ESS2 & DB-UPS • Supply and installation of all submains,cablings and cable support systems • Upgrade of the site main supply from 200 amp to 400amp • All civil works for underground conduits - approx 250 metres • Supply and installation of new surge diverters & new electronic metering to the existing site main switchboard
Key Project Personnel:	Gavin Millane, Project Supervisor, Peter Ebbott, Project Foreman, Paul Sterry
Special Project Achievements	Included in the team of the month award at Yarra Valley Water. Finalist in 2006 NECA Awards.
Quality Standards Applicable	AS 3000,AS/NZ3008(LV power reticulation) AS 3439.1 (switchgear requirements) ISO 9007:1987 (switchboard QA).

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***Specific OH & S
Requirements***

ODG works under a management system that is in place that satisfies the full requirements of A/S 4801.
