



Name:	YHA The Rocks Sydney – Installation, Commissioning and Service of Bi-Fuel Generator	Client:	Youth Hostels Australia
Value at Completion:	\$250,000	Site Location:	The Rocks Sydney
		Year Completed:	Ongoing Maintenance Contract from 2009

Project Description: Design, Installation, Commissioning and Service of FG Wilson Bi-Fuel Generator 70% Natural gas 30% Distillate

This heritage listed site contains colonial remains dating from 1795 onwards, including houses, pubs and laneways, and more than 750,000 artefacts have been found since digs began in 1994.

A strenuous design process for this type of generator due to the possibility of any fuel spillage was negotiated with the Sydney Harbour Foreshore Authority and the Consultants. Fuel storage at site is minimal due to the fact the set starts and accepts load on diesel and once stabilised reverts to natural gas. The cost saving is a smaller footprint and capital outlay approx. 50% less for an equivalent sized dedicated natural gas generator.

Maintenance costs are same as a diesel generator being considerably less than that of a gas unit.

- Emergency Power Diesel & Gas Generator servicing & maintenance
- Air-conditioning PM, repair and installation.
- Major and Minor general works installation including bulk fuel systems and PLC controls.
- 24/7 Call Centre.

ELECTRICAL & COMMUNICATIONS ENGINEERING

G O'DONNELL GRIFFIN
 EXPERTISE • COMMITMENT • RESULTS



Global-Mark.com.au®
 OHS Management - AS 4801
 Quality Management - ISO 9001
 Environmental Management - ISO 14001

odg.com.au | info@odg.com.au | 1300 100 OGD

NORFOLK 
 INTEGRATED ENGINEERING

PROJECT PROFILE

This installation by O'Donnell Griffin's expert team has enabled the client YHA to further reduce their carbon footprint in a society where both regulation and public demand seeks vast improvements from Australian business. ODG pride themselves on being a first class supplier of such services and market leader in this new technology..

Personnel:	Project Manager, Power Generation NSW & ACT: Chris Coote	
Special Project Achievements:	This is the 1st Bi-fuel generator to be installed and commissioned in Australia. These units are extremely popular in Europe on Standby application due to their excellent load acceptance (60%) where a typical dedicated gas set is 30% and has to be ramped up or will stall due to poor load acceptance particularly when cold.	
Quality Standards Applicable:	AS/NZS ISO 9001–2000	
Specific OH & S Requirements:	As per NSW Govt Health requirements and NSW relevant OHS legislation	
Referees:	Kate Bromley YHA PR Ph: 02 9489 9783	Dave Tracey ODG Service Supervisor Ph: 02 9947 7820

ELECTRICAL &
COMMUNICATIONS
ENGINEERING

 **O'DONNELLGRIFFIN**
EXPERTISE • COMMITMENT • RESULTS



Global-Mark.com.au®
OHS Management - AS 4801
Quality Management - ISO 9001
Environmental Management - ISO14001

odg.com.au | info@odg.com.au | 1300 100 ODG

NORFOLK 
INTEGRATED ENGINEERING