



P.R.A. Electrical Pty. Ltd.

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COMPLETED PROJECT PROFILE

THE PROJECT -:	Hybrid Alternative Power Supply.
LOCATION -:	Midland TAFE, Perth.
END CLIENT -:	W.A. Department of Housing & Works.
CONTRACT TYPE -:	Design and construct, fixed price.
SCOPE OF WORKS -:	Design and installation of hybrid alternative power supply system for practical operation and training purposes. Incorporating a 1kw wind turbine and structure, 2.5kw photo voltaic solar array, 7.5kva diesel generator, 5kva interactive inverter and a battery bank. Including a fully automatic switchboard and control system for synchronising and monitoring the power supplies and loads.
VALUE OUR WORKS -:	AUD \$142,800.00
DIFFICULTY FACTOR -:	Interfacing the different power supply sources and co-ordinating design and works to meet the multiple usage requirements of college.
ON SITE PERIOD -:	Twelve weeks, 2003.
SITE PERSONNEL -:	Two to four tradespersons.
CONSULTANT -:	Norman Disney & Young, Perth.
REFEREE -:	Graham Rasmussen Superintendent's Representative.
CONTACT NUMBER -:	08 92816800.
SITE SAFETY -:	Excellent.