

KEY PERSONNEL

Name: **Craig Hosking**

Position: Senior Renewable Energy Engineer
Verve Energy

Senior Planning Engineer
Diesel & Wind Systems

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Qualifications: Bachelor of Engineering (Electrical) Honours UWA 1981
Master of Business Administration UWA 1987

Professional Expertise: Technical and economic analysis and evaluation of renewable energy projects. Energy flow modelling (wind/diesel/gas), project financial analysis and business case preparation. Electrical engineering technical support.

Professional Interests: Wind energy conversion technology and grid connection, demand side management, utility economic and pricing policy.

Current responsibilities: Implementation of the grid support features on the Albany Wind Farm Enercon wind turbines. Implementation of the Enercon wind turbine dynamic modelling for system studies. Wind/diesel energy flow modelling and financial evaluation. Technical support (electrical engineering) for wind projects.

Career highlights: As Electrical/Instrumentation Engineer with a leading Mineral Processing Company, undertaking design and commissioning of a wide range of industrial electrical plant and instrumentation and control systems.

In the pre April 2006 Western Power business, in the role of Tariff Policy Officer, design and implementation of gas and electricity pricing policies, which included economic analysis of pricing and cost structures leading to the restructuring of electricity prices and introduction of time of use tariffs.

Development of Demand Side Management policies, and representing an Australian consortium of electricity utilities on an IEA Demand Side Management project.

Technical and economic assessment of various renewable energy technologies. Renewable energy policy development, including a strategy to meet government renewable energy targets. Development of business agreements, including power purchase for a potential renewable energy project.

Electrical engineering support for the Albany Wind Farm, including design specification of 22kV feeder cables, LV cables, transformer switchgear units, optical fibre/SCADA requirements.

Negotiation of the commercial aspects of the Esperance wind PPA with Burns Rowe Worley, including development of wind/gas turbine energy models.

Member Institutes: Member of the Institution of Engineers, Australia. (CPEng)
Member of IEEE.